FULTON COUNTY PURCHASING DEPARTMENT

Winner 2000 - 2004 Achievement of Excellence in Procurement Award
National Association of Purchasing Management

Jerome Noble, Director

August 4, 2005

RE: **#05ITB45467K-RS**
SW Arts Performance Theater

Dear Bidders:

Attached is one (1) copy of Addendum 1, hereby made a part of the above referenced Invitation to Bid (ITB).

Except as provided herein, all terms and conditions in the ITB referenced above remain unchanged and in full force and effect.

Sincerely,

Rholanda M. Stanberry

Rholanda Malveaux Stanberry
Chief Assistant Purchasing Agent

This Addendum forms a part of the contract documents and **modifies** the original ITB documents as noted below:

ACKNOWLEDGEMENT OF ADDENDUM NO. 1

The undersigned bidder acknowledges receipt of this addendum by returning one (1) copy of this form with the proposal package to the Purchasing Department, Fulton County Public Safety Building, 130 Peachtree Street, Suite 1168, Atlanta, Georgia 30335 by the ITB due date and time **Wednesday, August 24, 2005 no later than 11:00 A.M.**

This is to acknowledge receipt of Addendum No. 1, _____ day of _____, 2005.

_____
Legal Name of Bidder

_____
Signature of Authorized Representative

_____
Title

SW Arts Phase II
Addendum 1
7/29/05

1. Bid Due Time and date for last Request for Information has been changed:
   Bid Due Date will be 11:00 A.M. August 24, 2005
   Last date/time for submitting RFIs is by 5:00 P.M. August 17, 2005

2. Re-issue new Bid Manual covers with correct Bid Number 05ITB 45467K-RS, and revised Bid Due Date.

3 *The "M" drawings indicate an add alternate for UVC Emitter (ref drawing M0 at the Modular AHU Schedule). Please Clarify.*
   Delete the reference in the note indicating a UVC Emitter as an add alternate. See SK1.

4. *There is a note on drawing C1 that calls for "Construction of new fence to match existing" between the two entrance gates. There is not an area indicated where this fence is to be located. Please provide the extents and type for this fencing.*
   Add detail 2 on sheet C1.1. See SK2.

5. *Membrane waterproofing is not specified or indicated on the drawings. Is this needed at the concrete walls below grade?*
   Yes. Add Specification Section 07 160 Fluid Applied Waterproofing. Add note to drawing 2/A15 indicating location of membrane waterproofing on all typical below grade walls. See SK3.

6. *The sidewalk detail on C-9 does not show gravel under concrete. The concrete paving detail*
   on C-10 indicates gravel under the concrete. Where is the concrete pavement used and should gravel under sidewalks be utilized?
   Concrete pavement with gravel is used at equipment pads. All exterior pedestrian sidewalks are as shown on C-9.

7. *Is the intent of the civil drawings that the project be a balanced site? If so, how can we achieve a balanced site if the actual quantities vary (on site fill/stockpile areas)?*
   The intent of the drawings is to balance the cut and fill using the soil taken from the detention pond excavations. If additional fill material is needed, it is to be taken from that same general area of the site, maintaining the storm detention system.

8. *Please clarify which walls receive wood panels in Vestibules 108 and 113 (reference detail 7/A34 and wall type J on A-1)?*
   Revise details of elevations 4/A34, 5/A34, 6/A34, & 7/A34 to show extent of finishes. See SK4 and SK5.

9. *Wall Type E is indicated on the two entrances to Women 104. Wall Type E includes wood panels. Are these walls supposed to be Type E?*
   No. These walls should be similar to added Wall Type B2, with gypboard each side of CMU. See SK6

10. *Are precast window sills needed at the six windows indicated at elevation 2/A9 (reference rooms Office 148 and Green Room 139)?*
    Yes. Provide precast sills at all windows. See SK 7 and SK8 for profile details and revised Specification Section 04 210 Brick Masonry.

11. *Detail 2/A15 indicates a CMU block sill at the louvers. Is this a special shape CMU or precast? If CMU, please provide specifications for size and type.*
Provide rowlock brick sills at all louver penetrations. See SK9 for revised wall section.

12. *The interior window located in room 110 is an aluminum window per detail 12/A4. Is the interior window located in room 202 an aluminum window (ref 2/A34 and 3/A34)?*
The windows in both these locations are operable glass panels with sliding hardware. See revised details on SK10.

13. *Are there steel column covers at the back on the stage (ref 2/A11)?*
The columns are detailed as indicated in detail 5/A3, with painted CMU wrapping the steel column. Add gypboard enclosure of joist penetrations. See SK11.

14. *Detail 1/A12 indicates wood paneling on the sloped gypboard ceiling in the auditorium and wood trim at the proscenium opening. Please clarify the extents of this wood paneling and trim (note that the reflected ceiling drawings do not show the wood paneling).*
Revise the reflected ceiling plan 1/A5 to add wood paneling and revise speaker detail. See SK12 and SK13.

15. *Detail 1/A16 indicates exterior gypboard sheathing at the masonry wall. Please clarify.*
Revise the notes to delete exterior gypboard sheathing and add notes for typical construction 2" air space and 2" rigid insulation. See SK14.

16. *The architectural drawings show gravel under the slab-on-grade (ref 3/A14 for example). The structural drawings indicate the slab to be placed on compacted grade (note 1 on S1.1). Which is correct?*
The architectural drawings are correct. Delete the note references on S1.1. See SK15.

17. *There are column covers located along the exterior wall of Lobby 102 (details 1/A25 and 5/A25). What are the heights of these column covers?*
Indicate the heights of these column covers and add Specification Section 05586 Metal Column Covers. See SK16.

18. *The stainless steel mesh shown on drawing F6 is different that the aluminum mesh indicated on detail 6/A33. Please clarify. In addition, please provide the specifications for the clarified mesh.*
All mesh is to be stainless as specified in Section 06 400 Architectural Woodwork, paragraph 2.02.D Wire Cloth Clad Panels. Revise the note on detail 6/A33 to indicate stainless steel in lieu of aluminum. See SK17.

19. *What are the finishes in the closet located in Gallery 103 (ref F1)?*
The finishes are Floor: SC Stained Concrete; Base: RB Rubber Base; and Walls: P-1 painted gypboard. Add the space number and name to the closet space. See SK18.

20. *What is the floor finish in the area located between the pedimat at door 009 and Lobby 102?*
The floor finish is CPT-1 carpet.

21. *Drawing F12 shows a floor mat in Lobby 102 that is not indicated on any other drawing (located at column line J.6 - 7.8). Please verify this is correct.*
Omit the floor mat. See SK19.

22. *The fire pump building on drawing A2 is shown to be an alternate. Please clarify.*
The fire pump room is not an alternate. Delete the note reference to alternate. See SK20.

23. *Door 067 on the Door Schedule (Sheet A36) shows a question mark at the door material. Please clarify.*
For door 067, in the column heading Door Frame Material, delete the question mark. See SK21.

24. *Drawing S1.1. Are there column footings at columns B-2, XC-9, XA-9, XA-8, P-7.8, A-2 and H.3-1? If so, what are the footing sizes?*
Add dimensions to columns B-2, XA-9 and A-2. See SK22 and SK23. Columns XC-9, XA-8, P-7.8 and H.3-1 are as indicated on drawing S1.1.

25. *Drawing S1.1. Detail 2/S0.4 is indicated (located along column line J between columns J-3 and J-4) and drawing S0.4 does not exist. Please clarify.*
The reference to detail 2/S0.4 is from a previous bid issue and has been omitted prior to this release for construction.

26. *Detail 7/S0.2 indicates that a 16"x16" concrete pier is to be included where used. Where are concrete piers to be used?*
This is a contractor's option at the columns. Concrete piers are to be used at all column locations where the top of the footing is 2'-0" or more below the elevation of the finished slab. The piers extend to 8" below the elevation of the finished slab and shall be reinforced as indicated by added note 3. See SK25.

27. *Are we to continue CMU to top of footing where the top of footing is more than 1'-0" below finished floor? For example, the footings located along column line 2 as shown on the drawing S1.1 (note that detail 2/A12 on the architectural drawings does not show these deep footings).*
Yes.

28. *Please clarify any conflict between the project design and specifications which indicate the site as unclassified and the Unit Price requirements for rock and unsuitable soil removal.*
All bids are to be based on the drawings and specifications, including Section 01 910 Geotechnical Report. Bidders are required to include Unit Prices for the removal of unforeseen rock and unsuitable soil and replacement of unsuitable soils, as defined in Section 01 027 Unit Prices, should these unforeseen conditions be encountered during construction.

29. *The equipment allowance is for items not indicated on the drawings and specifications. What are the details and specifications for the eye wash station, saw table, panel saw, work bench, portable utility carts, wall grid (to hang scenery) and paint storage cabinets located in the scene shop (reference drawing A37)*
A37 shows the location of loose equipment that is N.I.C. (Not In Contract) for this construction bid, but will be included as part of the Owner's Equipment allowance. The equipment shown on A37 that is N.I.C. for the base construction bid, but shown for reference are: portable utility carts, work bench, arc welder, saw table, open face paint booth, paint storage cabinets, and wall grid. Installation of the Owner-supplied paint booth to be included in base construction bid is per Section 11 710 Paint Booth Installation.
The eye wash station equipment and installation are included in the base bid per detail 2/P3.

30. *Are the chairs located at the countertops in the dressing rooms (reference 1/A30) by Owner? The equipment allowance is indicated to be for items not indicated on the drawings and specifications. What are the details and specifications (other than specification Section 11 452 Residential Appliances) for the items listed on the furniture schedule (reference drawing F12)?*
The chairs shown in the dressing rooms (1/A and 1/F11) and items listed on the furniture schedule (reference drawing F12) are Not In Contract (N.I.C.) and are shown for informational purposes only, to be furnished and installed by others.

31. *What are the specifications/materials for the column covers located in Lobby 102 (reference details 5/A25 and 1/A25)?*
See Item 15 above and attached specification Section 05 586 Column Covers.

32. *What are the specifications for the under-slab vapor barrier?*
See attached Section 07 260 Vapor Retarders.

33. Add structural floor above Genie Room 150 and Office 148. See SK24 and SK25.

34. Delete reference to acoustical panel finish on walls in Gallery 103 as indicated on sheet F2A. See SK 26.

35. Revise section cut reference number from 2/A12 to 2/A11 at rear stage as indicated on sheet A2. See SK27.

36. Revise Specification Section 04 210 Brick Masonry to delete Facing Brick Type I: "Carolina Sunset Blend" as manufactured by Hanson Brick and add Facing Brick Type 1: "Old Colony" as manufactured by Columbus Brick.

37. Revise Specification Section 08 412 Aluminum Storefront to add Kawneer TriFab 451 product for windows at Green Room and Office.

38. Revise Table of Contents to add Sections 05 586 Metal Column Covers, 07 160 Fluid Applied Waterproofing and 07 260 Vapor Retarders.

End of Addendum 1

FULTON COUNTY

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People *Families* *Neighborhoods*

Mission

To serve, protect and govern in concert with local municipalities

Values

People *Customer Services*
Ethics *Resource Management*
Innovation *Equal Opportunity*

PURCHASING DEPARTMENT
Invitation to Bid No. 05 ITB 45467K-RS

SW Arts Performance Theater

For

General Services Building Construction

BID DUE TIME AND DATE: 11:00 A.M. August 24, 2005
PURCHASING CONTACT: Rholanda Stanberry 404.730.4200
E-MAIL: Rholanda.stanberry@co.fulton.ga.us

LOCATION: FULTON COUNTY PURCHASING DEPARTMENT
130 PEACHTREE STREET, S.W., SUITE 1168
ATLANTA, GA 30303

VOLUME 1 – ITB MANUAL

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VOLUME 2 – ITB MANUAL

SECTION 04 210

BRICK MASONRY

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Brick Masonry Units.

B. Reinforcement and Anchorage.

C. Flashings.

D. Lintels.

E. Accessories.

1.02 RELATED SECTIONS

A. Section 01235 - Alternates

B. Section 04065 - Mortar and Masonry Grout.

C. Section 04110 - Cement Grout for Reinforced Masonry.

D. Section 04220 - Concrete Masonry Units.

E. Section 05500 - Metal Fabrications: Loose steel lintels.

F. Section 07212 - Board and Batt Insulation: Insulation for cavity spaces and concrete masonry units..

G. Section 07900 - Joint Sealers: Backing rod and sealant at control and expansion joints.

1.03 REFERENCES

A. ACI 530/ASCE 5/TMS 402 - Building Code Requirements for Masonry Structures; American Concrete Institute International; 1995.

B. ACI 530.1/ASCE 6/TMS 602 - Specification For Masonry Structures; American Concrete Institute International; 1995.

C. ASTM A 82 - Standard Specification for Steel Wire, Plain, for Concrete Reinforcement; 1995a.

D. ASTM A 153/A 153M - Standard Specification for Zinc Coating (Hot-Dip) on Iron and Steel Hardware; 1995.

E. ASTM A 641 - Standard Specification for Zinc-Coated (Galvanized) Carbon Steel Wire; 1992.

F. ASTM C 62 - Standard Specification for Building Brick (Solid Masonry Units Made From Clay or Shale); 1996.

G. ASTM C 67 - Standard Test Methods for Sampling and Testing Brick and Structural Clay Tile; 1996.

H. ASTM C 91 - Standard Specification for Masonry Cement; 1995c.

I. ASTM C 216 - Standard Specification for Facing Brick (Solid Masonry Units Made From Clay or Shale); 1995a.

J. ASTM C 270 - Standard Specification for Mortar for Unit Masonry; 1996a.

K. ASTM C 404 - Standard Specification for Aggregates for Masonry Grout; 1995.

L. ASTM C 476 - Standard Specification for Grout for Masonry; 1995.

M. ASTM D 226 - Standard Specification for Asphalt-Saturated Organic Felt Used in Roofing and Waterproofing; 1995.

N. Brick Institue of America (BIA) - Technical Notes on Brick Construction; Latest Edition.

1.04 SUBMITTALS

A. See Section 01300 - Administrative Requirements, for submittal procedures.

B. Product Data: Provide data for brick masonry units, fabricated wire reinforcement, and mortar. Provide manufacturer's application procedures for masonry cleaning compounds.

C. Samples: Submit five samples of facing brick units to illustrate color, texture, and extremes of color range.

D. Manufacturer's Certificates:
1. Submit certificates from masonry manufacturer prior to delivery of masonry units to project site. Each certificate shall be signed by an authorized officer of the manufacturing company and shall contain the name and address of the Contractor, the project location, and the quantities and date or dates of shipment or delivery to which the certificate applies.
2. Submit certification from brick manufacturer stating that proposed masonry cleaning compound is suitable for cleaning selected brick, and that masonry cleaning compound will not cause staining nor disscoloration of brick.

1.05 QUALITY ASSURANCE

A. Comply with provisions of ACI 530/ASCE 5/TMS 402 and ACI 530.1/ASCE 6/TMS 602, except where exceeded by requirements of the contract documents.

1.06 MOCK-UP PANEL

A. Construct a masonry wall as a mock-up panel sized 8 feet long by 6 feet high, which includes mortar and accessories and concrete unit masonry backup. Mock up panel shall correctly demonstrate all brick detailing as indicated in the drawings including but not limited to corbelling, soldier courses, rowlocks and control joints.

B. Locate mock-up panel where directed by the Architect.

C. Mock-up panel shall be protected from demolition or damage and shall remain in place until final acceptance of masonry construction.

1.07 PRE-INSTALLATION MEETING

A. Convene 2 weeks before starting work of this section. Meeting shall be attended by Architect, General Contractor, Subcontractor, and supervising mason.

B. Review all masonry detailing, project conditions, supervision of trades, coordination of related construction, and continuity of workmanship.

1.08 DELIVERY, STORAGE, AND HANDLING

A. Deliver, handle, and store masonry units by means that will prevent mechanical damage and

contamination by other materials.

1.09 ENVIRONMENTAL REQUIREMENTS

A. Lay no masonry when temperatures of surrounding air has dropped below 45 degrees F., unless it is rising, and at no time when it has dropped below 40 degrees F., except by written permission from the Architect.

B. When masonry work is authorized during temperature of below 40 degrees F. but above freezing, provide mortar at temperatures between 70 degrees F. and 100 degrees F.

C. Maintain air temperature above 40 degrees F. on both sides of masonry for at least 72 hours after laying.

1.10 JOB CONDITIONS

A. Protection of Work:
1. During erection, at end of each day or shutdown period, keep walls dry by covering with waterproof material, anchored and overhanging each side of wall at least 2'-0".
2. Remove misplaced mortar or grout immediately.
3. Protect face materials against staining.
4. Protect sills, ledges, and offsets from mortar droppings during construction.

B. Sequencing and Scheduling:
1. Do not cover or enclose mechanical or electrical work requiring inspection until such work has been accepted. Coordinate this work with work of other sections required to be built into masonry construction.

1.11 QUALITY ASSURANCE

A. Acceptable Tolerances:
1. Maximum variation from plumb:
   a. In lines and surfaces of walls and arrises:
      1) 1/4" in 10'-0".
      2) 3/8" in any story or 20'-0" maximum.
      3) 1/2" in 40'-0" or more.
   b. For external corners, expansion joints and other conspicuous lines:
      1) 1/4" in any story or 20'-0" maximum.
      2) 3/8" in 40'-0" or more.
2. Maximum variation from level or grades for exposed lintels, sills, parapets, horizontal grooves and other conspicuous lines:
   a. 1/4" in any bay or 20'-0".
   b. 1/2" in 40'-0" or more.
3. Maximum variation of linear building line from established position in plan and related portions of columns, walls and partitions.
   a. 1/4" in any bay or 20'-0".
   b. 3/4" in 40'-0" or more.
4. Maximum variation in cross-sectional dimensions of columns and thickness of walls:
   a. Not less than 1/4" smaller nor more than 1/2" larger than indicated.

PART 2 PRODUCTS

2.01 BRICK MASONRY UNITS

A. Facing Brick: ASTM C 216, Type FBS, Grade SW.
   1. Brick Type 1: Old Colony
      a. Manufacturer: Columbus Brick
   2. Brick Type 2: Buffstone Wirecut.
      a. Manufacturer: Palmetto Brick Company.
   3. Actual size: 3-5/8 inches x 2-1/4 inches x 7-5/8 inches.
   4. Special shapes and conditions: Provide molded units as required by conditions indicated, unless standard units can be sawn to produce equivalent effect. Do not use standard units in any configuration which exposes cores or frogging. Remove and replace any work exposing cored or sawn faces of units to view.
      a. At ends of soldier and rowlock coursing and corbelling, use only solid brick units.

2.02 MORTAR AND GROUT MATERIALS

A. Mortar and grout: As specified in Section 04065.

2.03 REINFORCEMENT AND ANCHORAGE

A. Joint Reinforcement and Anchorage Materials: Provide materials complying with the following general requirements for joint reinforcement and anchorage devices:
   1. Steel Wire: ASTM A 82.
      a. Hot-dip galvanizing (after fabrication) : ASTM A 153, Class B-2.
      b. Use: Interior locations.
   2. Zinc-coated steel sheet: ASTM A 525 carbon steel, with G90 zinc coating.
      a. Use: Dovetail slots and similar applications. Hot-dip galvanized steel sheet: ASTM A 635 or ASTM A 366; galvanizing in compliance with ASTM A 153 , Class B.
      a. Use: Anchors and miscellaneous sheet metal in masonry accessories at exterior exposures.

B. Reinforcing Steel: ASTM A 615/A 615M Grade 60 (420) deformed billet bars, except as specifically indicated otherwise; galvanized after fabrication and bending.
   1. Bending: Shop fabricate reinforcing bars which are shown to be bent or hooked.
   2. Galvanized reinforcing bars: ASTM A 767, Class II, hot-dip galvanized after fabrication and bending
      a. Cut Bars: Coat sheared ends of all cut galvanized bars with a zinc-rich coating.

C. Joint Reinforcement: Welded wire units prefabricated into straight lengths not less than 10 feet in length, with deformed continuous side rods and plain cross rods.
   1. Widths:
      a. Width at Brick Masonry Units: Approximately 2 inches less than nominal wall width, providing not less than 5/8 inch mortar coverage on exterior exposures and 1/2 inch elsewhere.
   2. Wire sizes:
      a. Side rod diameter: 0.1483 inch.
      b. Cross rod diameter: 0.1483 inch.
   3. Configuration:
      a. Applications of single unit width: Truss design, with diagonal cross rods at not more than 16 inches on center.
      b. Applications greater than one unit width: Truss design, diagonal cross rods at not more than 16 inches on center, and with side rods as follows:
         1) One rod per face shell of concrete masonry.
      c. Corners: Prefabricated L- and T-shaped units.

D. Single Wythe Joint Reinforcement: Truss type; ASTM A 82 steel wire, hot dip galvanized after fabrication to ASTM A 153/A 153M, Class B; 0.1483 inch side rods with 0.1483 inch cross rods; width as required to provide not more than 1 inch and not less than 1/2 inch of mortar coverage on each exposure.

E. Multiple Wythe Joint Reinforcement: Truss type; fabricated with moisture drip; adjustable; ASTM A 82

steel wire, hot dip galvanized after fabrication to ASTM A 153/153M, Class B; 0.1483 inch side rods with 0.1483 inch cross rods; width as required to provide not more than 1 inch and not less than 1/2 inch of mortar coverage on each exposure.

F. Bent-Wire Ties: Individual prefabricated units, and as follows:
   1. Wire diameter: 0.1875 inch.
   2. Length: Adequate to extend 1-1/2 inches minimum into wythes of solid masonry and to provide embedment of 1/2 inch minimum at face shells of hollow masonry, with 5/8 inch of mortar coverage on exterior exposures and 1/2 inch elsewhere.
   3. Tie shape at hollow masonry: Rectangular, not less than 2 inches wide.

G. Brick Masonry Veneer Anchors: 2-piece anchors that permit differential movement between masonry veneer and structural backup but preventing lateral movement of masonry out of plane.
   1. Anchor plate design: Manufacturer's standard, of not less than 14 gage metal and designed for connection to structural backup through sheathing or insulation by not fewer than 2 fasteners.
      a. Tie vertical adjustment range: Not less than 2 inches.
   2. Tie: Wire type as follows:
      a. Diameter: 0.1875 inch.
      b. Shape: Contractor's option.
      c. Length: Sized to fall no more than 1 inch short of veneer face.
   3. Fasteners: Self-drilling, self-tapping, corrosion-resistant screws, as recommended by manufacturer of veneer anchors.

H. Masonry Veneer Anchors: 2-piece anchors that permit differential movement between masonry veneer and structural backup, hot dip galvanized to ASTM A 153/A 153M, Class B-2.

2.04 FLASHINGS

A. Copper/Kraft Paper Flashings: 1 oz./sq. ft. sheet copper bonded to fiber reinforced asphalt treated Kraft paper.

2.05 ACCESSORIES

A. Bond Breaker Strips: Building Paper: ASTM D 226, Type I ("No.15") asphalt felt.

B. Sealant and Backer Rod: As specified in Division 7.

C. Weepholes:
   1. Weephole Ventilators for full head joint installation at grade level.
      a. Acceptable products:
         1) Dur-O-Wal, Cell-Vent D/A 1006.
         2) Hohman & Barnard, Inc., QV - Quadro-Vent.
      b. Characteristics: Flexible ultra-violet resistant polypropolene co-polymer vent with cellular structure. Color as selected by the Architect.
   2. Weep Tubes with screens and wicks for all areas other than grade level:
      a. Medium density polyethelene tubing; outside diameter 3/8 inch, with brass screening at face and twisted synthetic rope wicks inserted in tube and extending minimum 6" at back (cavity) side.
   3. Provide pea gravel at lowest weep, as indicated.

2.06 MASONRY CLEANING COMPOUND

A. Masonry Cleaning Compound:
   1. Product Requirements
      a. Compound shall be certified as acceptable by brick manufacturer, meeting specified requirements, and as recommended by the compound manufacturer for selected brick, to ensure that proposed masonry cleaning compound causes no staining or discoloration of brick.
      b. Products shall be specifically formulated for brick type, color, and material content. Product data shall state whether particular compound is acceptable for dark-colored brick, light colored

brick, brick subject to non-metallic staining or brick subject to metallic staining.
2. Test Panel: Test each type and dilution of cleaning compound on sample panel.
3. Formulation: Dilutable formula comprised of inorganic acids, wetting agents and inhibitors.
4. Characteristics:
   a. Compound shall be able to cling to masonry for an average dwell period pf two minutes, able to loosen mortar residue for complete removal, and shall be water-washable upon completion.
   b. Compound shall not cause acid burns or streaks.
   c. Compound shall be able to be applied, based on dilution amount, by using a soft masonry brush or low pressure (40psi-50psi) airless sprayer.

PART 3 EXECUTION

3.01 GENERAL

A. Layout: Lay out masonry for accurate pattern bond, for uniform joint widths, and for accurate location of specific features before beginning actual construction. Avoid use of masonry units of less than 1/2 size. Do not use units with less than nominal 4 inch horizontal face dimensions at corners and jambs.

B. Chases and Recesses: Build masonry to accommodate the work of other trades, including chases and recesses as shown or required. Provide not less than 8 inches of masonry between jambs of openings and chases and recesses.

C. Openings for Equipment and Services: Leave openings in masonry as required for subsequent installation of equipment and services. Make openings in designated locations and in exact size required, if known; otherwise, leave rough openings in approximate size required and complete masonry work after installation of equipment, matching adjoining masonry.

D. Structural Framing Anchorage: Anchor masonry to structural framework at points of adjacency, and as follows:
   1. Maintain open space of 1 inch or more between face of framing member and masonry elements.
   2. Fasten anchors to structure and embed in mortar joints as masonry is laid.
   3. Space anchors at maximum of 36 inches on center horizontally and 24 inches on center vertically.

E. Veneer Anchorage: Anchor masonry veneer to structural backup with anchors specified, and as follows:
   1. Fasten to backup with self -tapping , non corrosive fasteners as recommended by the manufacturer of anchors for substrate conditions.
   2. Space plates of two-piece anchors so they will be centered on horizontal movement of ties due to diffential movement of veneer and backup.
   3. Embed tie sections of two-piece anchors in mortar as masonry is being laid, providing clear air space of at least 2 inches behind veneer wythe.
   4. Space anchors at not more than 1.77 square feet per anchor, nor more than 16 inches on center horizontally and vertically. At openings and ends of veneer panels, provide additional anchors so that maximum spacing at perimeter is 8 inches on center.

3.02 EXAMINATION

A. Verify that field conditions are acceptable and are ready to receive masonry.

B. Verify that related items provided under other sections are properly sized and located.

C. Verify that built-in items are in proper location, and ready for roughing into masonry work.

3.03 PREPARATION

A. Direct and coordinate placement of metal anchors supplied for installation under other sections.

B. Provide temporary bracing during installation of masonry work. Maintain in place until building structure provides permanent bracing.

3.04 COURSING

A. Establish lines, levels, and coursing indicated. Protect from displacement.

B. Maintain masonry courses to uniform dimension. Form vertical and horizontal joints of uniform thickness.

C. Brick Units:
1. Bond: Running, except where other bonds are indicated at special features.
   a. Lay concealed masonry in running bond, or laps at least 2 inches
2. Coursing: Three units and three mortar joints to equal 8 inches.
3. Mortar Joints: Concave.

3.05 INSTALLATION

A. Workmanship: Install no brick units that are cracked, broken or chipped in excess of ASTM allowances.
1. Use abrasive power saws to cut brick.
2. Lay brick plumb, true to line and with level courses, spaced within allowable tolerances.
3. Do not furrow joints.
4. Stop-off horizontal run by racking back in each course; toothing is not permitted.
5. Adjust units to final position while mortar is soft and plastic.
6. If units are displaced after mortar has stiffened, remove, clean joints and units of mortar, and relay with fresh mortar.
7. Cutting and patching of finish masonry to accommodate work of other trades shall be done so as not to mar appearance of finished surface.
8. Adjust shelf angles to keep work level and at proper elevation. Provide a 3/8" joint below shelf angle.
9. Mix units from pallets in work to diminish noticeable variation in color and texture between pallets.
10. Provide brick expansion joints with pressure relieving pads continuous under shelf angles.
11. When joining fresh masonry to set or partially set masonry, remove loose brick and mortar, and clean and dampen exposed surface of set masonry prior to laying fresh masonry.
12. Provide solid brick units free of cores or frogs where such characteristics would be exposed in the finished work.
13. Wet brick with initial rate of absorption exceeding 30 grams/30 square inches/ minute when tested in accordance with ASTM C67-97.
14. Cavity walls: Keep cavity clear of mortar and other materials which project into cavity and decrease cavity clearance to less than minimum dimension indicated.

B. Mortar Beds:
1. Lay brick with full mortar coverage on horizontal and vertical joints in all courses.
2. Provide sufficient mortar on ends of brick to fill head joints.
3. Rock closures into place with head joints thrown against two adjacent bricks in place.
4. Do not pound corners or jambs to fit stretcher units after setting in place.
5. Where adjustment to corners or jambs must be made after mortar has started to set, remove mortar and replace with fresh mortar.

C. Mortar Joints: 3/8" wide

D. Nominal Mortar Joint Thickness: 3/8"

E. Tool joints exposed to finished work when "thumbprint" hard. Joints shall be tooled using jointer at least 2'-0" in length.

F. Joint profiles:
1. Above or below horizontal recessed courses: Raked.
2. All other joints: Concave.

G. Trowel point or concave tool joints below grade.

H. Flush-cut joints not to be exposed in finish work.

I. As work progresses, trowel protruding mortar fins in cavity flat to inner face of wythe.

J. Bonding Pattern:
   1. Typical pattern: Running bond.
   2. Other patterns: As inidicated on the drawings.

K. Brick Expansion Joints: Install materials in accordance with recommendations of masonry accessories manufacturer. Joint size shall be same width as mortar joints.
   1. Space pressure-relieving pads at expansion joints indicated on the drawings.
   2. Coordinate location of expansion joints in brick work with control joints in concrete unit masonry backup.

L. Building Expansion Joints: Keep clean of mortar and debris. Make joints width as indicated. Stop horizontal joint reinforcement 1" each side of joint. Caulk or seal in accordance with Section 07900 - Joint Sealers.

M. Flashing:
   1. Whether or not specifically indicated, install masonry flashing to divert water to exterior at all locations where downward flow of water will be interrupted.
      a. Clean surface of masonry smooth and free from projections which might puncture flashing material.
      b. Extend flashings full width at such interruptions and at least 6 inches into adjacent masonry or turn up at least 4 inches to form watertight pan at non-masonry construction.
      c. Remove or cover protrusions or sharp edges that could puncture flashings.
      d. Seal lapped ends and penetrations of flashing before covering with mortar.
      e. Extend metal flashings through exterior face of masonry and turn down to form drip.
      f. Lap end joints of flashings at least 4 inches and seal watertight with mastic or elastic sealant.
      g. Place flashings on sloped mortar bed; seal lapped ends and penetrations of flashing before covering with mortar.
         1) Extend metal flashings through exterior face of masonry and turn down to form drip.
      h. Veneer Flashings: Turn flashings up not less than 4 inches at backup. Lap top of flashing with building paper, or otherwise seal to prevent moisture penetration between flashing and backup.
      i. Heads and Sills: Turn up ends of flashing at least 2 inches at heads and sills to form a pan, and seal joints.
      j. Sealing: Seal all joints in flashing to ensure watertight integrity.
         1) Lap end joints on nondeformed metal flashings at least 4 inches; seal laps with elastic sealant or mastic.

N. Weepholes:
   1. Provide weepholes in exterior wythe of masonry at 2'-0" o.c. horizontally at heads and sills of openings, in exterior walls at grade and in other locations where flashing is indicated.
   2. Weephole ventilators:
      a. Provide weephole ventilators at grade level.
      b. Install weephole ventilator in open head joint, flush with low edge of adjacent brick.
      c. Install pea gravel fill in cavity behind ventilators. Install continuously at grade.
   3. Install weep tubes at all weepholes except at grade level where weephole ventilators are installed. Install weep tubes at bottom of head joint with screening to exterior; lay extra length of wick horizontally in cavity.
   4. Keep weepholes and area above flashing free of mortar droppings.

O. Sealant Joints: Retain 1/2" wide sealant joint around outside perimeter of exterior doors, window frames and other wall openings.

P. Pointing: Cut out defective mortar joints and holes in exposed work. Repoint with new mortar.

Q. Dry Cleaning: Brush brick surfaces with stiff bristle brush. Do not allow mortar droppings to harden on exposed surfaces.

3.06 REINFORCEMENT AND ANCHORAGE - MASONRY VENEER

A. General: Before placing metal masonry accessories, remove loose rust, dirt, and other non-conforming coatings

B. Corbelled walls:
   1. Install veneer wall ties to masonry backup at 8 inches on center vertically
   2. Use only solid clay units at corbelled masonry construction

C. Install horizontal joint reinforcement 16 inches on center.

D. Place masonry joint reinforcement in first and second horizontal joints above and below openings. Extend minimum 16 inches each side of opening.

E. Place continuous joint reinforcement in first and second joint below top of walls.

F. Lap joint reinforcement ends minimum 6 inches.

G. Masonry Back-Up: Embed anchors to bond veneer at maximum 16 inches on center vertically and 36 inches on center horizontally. Place additional anchors at perimeter of openings and ends of panels, so maximum spacing of anchors is 8 on center.

H. Masonry Back-Up: Embed anchors in masonry back-up to bond veneer at maximum 1.77 sq ft of wall surface per anchor. Place additional anchors at perimeter of openings and ends of panels, so maximum spacing of anchors is 8 on center.

I. Reinforce joint corners and intersections with strap anchors 16 inches on center.

3.07 REINFORCEMENT AND ANCHORAGES - CAVITY WALL MASONRY

A. General: Before placing metal masonry accessories, remove loose rust, dirt, and other non-conforming coatings

B. Install horizontal joint reinforcement 16 inches on center.

C. Place masonry joint reinforcement in first and second horizontal joints above and below openings. Extend minimum 16 inches each side of openings.

D. Place continuous joint reinforcement in first and second joint below top of walls.

E. Lap joint reinforcement ends minimum 6 inches.

F. Fasten anchors to structural framing and embed in masonry joints as masonry is laid. Space anchors at maximum of 24 inches horizontally and 24 inches vertically.

G. Reinforce joint corners and intersections with strap anchors 16 inches on center.

3.08 LINTELS

A. Install loose steel lintels over openings.

B. Maintain minimum 8 inch bearing on each side of opening.

3.09 GROUTED COMPONENTS

A. Grouting Technique: Perform all grouting by means of low-lift technique; do not use high lift grouting.
   1. Do not exceed 12 inches in height for grout pours.

B. Lap splices minimum 24 bar diameters.

C. Support and secure reinforcing bars from displacement. Maintain position within 1/2 inch of dimensioned position.

D. Place and consolidate grout fill without displacing reinforcing.

E. At bearing locations, fill masonry cores with grout for a minimum 12 inches either side of opening.

3.10 BUILT-IN WORK

A. As work progresses, install built-in metal door frames, fabricated metal frames, anchor bolts, and plates and other items to be built into the work and furnished under other sections.

B. Install built-in items plumb, level, and true to line.

C. Bed anchors of metal door and glazed frames in adjacent mortar joints. Fill frame voids solid with grout.
1. Fill adjacent masonry cores with grout minimum 12 inches from framed openings.

D. Do not build into masonry construction organic materials that are subject to deterioration.

3.11 CLEANING

A. At least 21 days prior to application of specified cleaning solution to brick work, apply solution on half of the surface of the sample panel. Should discoloration of brick or mortar joints, staining or efflorescence appear on sample panel, notify the Architect for further instructions before proceeding with final surface cleaning.

B. No wet cleaning shall take place within seven days of placing masonry.

C. Apply manufactured cleaning compound on brick masonry as tested on sample panel in accordance with manufacturer's product data. Flush with clean water.

D. At least two hours prior to application of cleaning solution to brick work, saturate mortar joints with clean water and brush off loose debris.

E. Begin cleaning operation at highest point of wall, working downward in areas of 20 S.F. maximum. As cleaning progresses, flush wall to prevent accumulation of loosened residues. Do not allow wetted walls below level of cleaning to dry and leave previously diluted residues from cleaning.

F. Safely discard solutions containing debris and residue.

G. Do not scrub mortar joints with cleaning solution.

H. Do not use high pressure water streams to clean any brick surfaces.

I. Protect materials adjacent to brick work which are subject to corrosion from contact with cleaning solution.

J. Remove stains in accordance with recommendations of the Brick Institute of America, Technical Notes #20, 1990 edition. Use cleaning agents only after pretesting on sample panel.

3.12 PROTECTION OF FINISHED WORK

A. Without damaging completed work, provide protective boards at exposed external corners which are subject to damage by construction activities.

B. Institute other protective measures as necessary to ensure that unit masonry work will be clean, free of staining from adjacent soils, and undamaged at substantial completion. Reclean any brick work soiled or stained after initial cleaning and prior to Substantial Completion.

END OF SECTION

SECTION 05 586

METAL COLUMN COVERS

PART 1 GENERAL

1.01 SECTION INCLUDES

A. All labor and materials for the complete installation of prefabricated column covers.

1.02 RELATED SECTIONS

A. Section 01300 – Administrative Requirements

1.03 SUBMITTALS

A. See Section 01300 - Administrative Requirements, for submittal procedures.

B. Product Data: Provide manufacturer's standard product information for specified covers.

C. Shop Drawings: Indicate profiles, sizes, connection attachments, reinforcing, anchorage, size and type of fasteners, and accessories. Include erection drawings, elevations, and details where applicable.

D. Samples: Submit three finish samples, 8"x8" in size, illustrating color and textures.

E. Manufacturer's Instructions: Indicate requirements for installation and cleaning.

F. Warranty: Submit manufacturer's warranty and ensure that forms have been completed in Owner's name and registered with manufacturer.

1.04 QUALITY ASSURANCE

A. Manufacturer Qualifications: Company specializing in manufacturing products specified in this section with not less than ten (10) years documented experience.

B. Installer Qualifications: Company specializing in performing the work of this section with minimum five (5) years experience.

1.05 DELIVERY, STORAGE, AND PROTECTION

A. Deliver column covers to project site in manufacturer's standard protective coverings.

B. Provide one (1) year manufacturer warranty for manufacture and installation of column covers.

PART 2 PRODUCTS

2.01 BASE BID MANUFACTURER

A. Pittcon Industries Model Series 9000.

B. Other Acceptable Manufacturers:
1. MM Systems, Pendergrass GA.
2. Industrial Louvers, Inc., Delano, MN.
3. Fry Reglet, Alpharetta, GA

2.02 MATERIALS

A. Column covers shall be roll-formed to specific dimensions and tolerances, and accurately formed to radii

indicated on the drawings.

B. Column covers shall be fabricated in two (2) vertically divided sections attached with a demountable interlock joint.

C. Column covers shall be fabricated in single length heights of 16'-0" where required, with the addition of stacking joints to allow for heights above 16'-0".

PART 3 EXECUTION

3.01 EXAMINATION

A. Verify that column covers are free of damage or defects prior to installation.

B. Verify that field conditions are acceptable and are ready to receive work.

3.02 INSTALLATION

A. Install column covers in accordance with manufacturer's instructions.

B. Install column covers plumb and leve.

3.03 CLEANING

A. Remove protective material provided by column cover manufacturer.

B. Clean all visible surfaces after installation.

C. Protect installed column covers from subsequent construction operations.

END OF SECTION

SECTION 07 260

VAPOR RETARDERS

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Vapor Retarders: Materials to make concrete slabs water vapor-resistant. .

1.02 SUBMITTALS

A. See Section 01300 - Administrative Requirements, for submittal procedures.

B. Product Data: Provide data on material characteristics.

C. Manufacturer's Installation Instructions: Indicate preparation, special procedures and perimeter conditions requiring special attention. Include storage and handling criteria.

1.03 QUALITY ASSURANCE

A. Vapor Permeability (Perm): Measure in accordance with ASTM E 96 Procedure E.

PART 2 PRODUCTS

2.01 SHEET SEAL MATERIALS

A. Sheet Seal Type Vapor Retarder: 2 polyethylene films of thickness laminated with glass fiber or polypropylene net/fabric reinforcing, black color.
   1. Thickness: 8 mil.
   2. Maximum Vapor Permeability (Perm): 0.5 ng/S/m/pa.
   3. Product: Under slab reinforced polyethylene film #R8BBR manufactured by Raven Industries or approved equal.

PART 3 EXECUTION

3.01 EXAMINATION

A. Verify that surfaces and conditions are ready to accept the work of this section.

3.02 INSTALLATION

A. Install materials in accordance with manufacturer's instructions.

END OF SECTION

SECTION 08 412

ALUMINUM STOREFRONT

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Aluminum-framed storefront, with vision glass.

B. Perimeter sealant.

1.02 RELATED SECTIONS

A. Section 07900 - Joint Sealers: Perimeter sealant and back-up materials.

B. Section 08800 - Glazing.

1.03 REFERENCES

A. AA DAF-45 - Designation System for Aluminum Finishes; The Aluminum Association, Inc.; 1997, Eighth Edition.

B. AAMA CW-10 - Care and Handling of Architectural Aluminum From Shop to Site; American Architectural Manufacturers Association; 1997.

C. AAMA 501.2 - Field Check of Metal Storefronts, Curtain Walls, and Sloped Glazing Systems for Water Leakage; American Architectural Manufacturers Association; 1994 (part of AAMA 501).

D. AAMA 606.1 - Voluntary Guide Specifications and Inspection Methods for Integral Color Anodic Finishes for Architectural Aluminum; American Architectural Manufacturers Association; 1976.

E. AAMA 607.1 - Voluntary Guide Specification and Inspection Methods for Clear Anodic Finishes for Architectural Aluminum; American Architectural Manufacturers Association; 1977.

F. AAMA 1503.1 - Voluntary Test Method for Thermal Transmittance and Condensation Resistance of Windows, Doors and Glazed Wall Sections; American Architectural Manufacturers Association; 1988.

G. ASCE 7 - Minimum Design Loads for Buildings and Other Structures; American Society of Civil Engineers; 1995 (ANSI/ASCE 7-95).

H. ASTM B 209 - Standard Specification for Aluminum and Aluminum-Alloy Sheet and Plate; 1996.

I. ASTM B 209M - Standard Specification for Aluminum and Aluminum-Alloy Sheet and Plate (Metric); 1995.

J. ASTM B 221 - Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes; 1996.

K. ASTM B 221M - Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes (Metric); 1996.

L. ASTM E 283 - Standard Test Method for Determining the Rate of Air Leakage Through Exterior Windows, Curtain Walls, and Doors Under Specified Pressure Differences Across the Specimen; 1991.

M. ASTM E 330 - Standard Test Method for Structural Performance of Exterior Windows, Curtain Walls, and Doors by Uniform Static Air Pressure Difference; 1996.

N. ASTM E 331 - Standard Test Method for Water Penetration of Exterior Windows, Curtain Walls, and Doors by Uniform Static Air Pressure Difference; 1996.

1.04 PERFORMANCE REQUIREMENTS

A. Design and size components to withstand the following load requirements, as measured in accordance with ASTM E 330:
   1. Wind loads: Comply with requirements of ASCE 7.
   2. Member deflection: Limit member deflection under all live and dead loads to flexure limit of glass or L/175, whichever is smaller, and in any direction, with full recovery of glazing materials.
      a. Deflection in plane of wall: Not greater than that which would reduce glass edge clearance to 25 percent of design dimension or 1/8 inch, whichever is greater, or that which would reduce glass bite to 75 percent of design dimension.
      b. Design system to withstand 150 percent of design wind load with no failure or permanent deformation greater then 0.2 percent of span.

B. Movement: Accommodate movement between storefront and perimeter framing and deflection of lintel, without damage to components or deterioration of seals.

C. Air Infiltration: Limit air infiltration through assembly to 0.06 cu ft/min/sq ft of wall area, measured at a reference differential pressure across assembly of 6.24 psf as measured in accordance with ASTM E 283.

D. Water Leakage: None, when measured in accordance with ASTM E 331 with a test pressure difference of 6.24 lbf/sq ft.

E. System Internal Drainage: Drain to the exterior by means of a weep drainage network any water entering joints, condensation occurring in glazing channel, and migrating moisture occurring within system.

F. Thermal Expansion/Contraction: Provide for expansion and contraction within system components caused by cycling temperature range of 120 degrees F over a 24 hour period without causing detrimental effect to system components, anchorages, and other building elements.

1.05 SUBMITTALS

A. See Section 01305 - Submittals, for submittal procedures.

B. Product Data: Provide component dimensions, describe components within assembly, anchorage and fasteners, glass and infill, vent hardware and internal drainage details.

C. Shop Drawings: Indicate system dimensions, framed opening requirements and tolerances, affected related Work, expansion and contraction joint location and details, and field welding required.

D. Samples: Submit two samples 2x6 inches in size illustrating finished aluminum surface, glass, glazing materials.

E. Manufacturer's Certificate: Certify that the products supplied meet or exceed the specified requirements.

F. Warranty: Submit manufacturer warranty and ensure forms have been completed in Owner 's name and registered with manufacturer.

1.06 QUALITY ASSURANCE

A. Manufacturer and Installer: Company specializing in manufacturing aluminum glazing systems with minimum three years of documented experience.

1.07 DELIVERY, STORAGE, AND PROTECTION

A. Handle products of this section in accordance with AAMA CW-10.

B. Protect finished aluminum surfaces with wrapping. Do not use adhesive papers or sprayed coatings which bond to aluminum when exposed to sunlight or weather.

1.08 PROJECT CONDITIONS

A. Coordinate the work with installation of firestopping components or materials.

1.09 ENVIRONMENTAL REQUIREMENTS

A. Do not install sealants when ambient temperature is less than 40 degrees F. Maintain this minimum temperature during and 48 hours after installation.

1.10 WARRANTY

A. See Section 01780 - Closeout Submittals, for additional warranty requirements.

B. Correct defective Work within a five year period after Date of Substantial Completion.

C. Provide five year manufacturer warranty against failure of glass seal on insulating glass units, including interpane dusting or misting. Include provision for replacement of failed units.

D. Provide five year manufacturer warranty against excessive degradation of exterior finish. Include provision for replacement of units with excessive fading, chalking, or flaking.

PART 2 PRODUCTS

2.01 MANUFACTURERS

A. Kawneer Company, Inc.; Product 1600 Wall System; TriFab 451; and EnCore, thermally broken, exterior storefront system.

B. Other Acceptable Manufacturers:
1. YKK AP America, Inc.
2. United States Aluminum Corp.
3. Vistawall Architectural Products.
4. Arch Amarlite.
5. Substitutions: See Section 01600 - Product Requirements.

2.02 COMPONENTS

A. Aluminum-Framed Storefront: Factory fabricated, aluminum framing members with infill, and related flashings, anchorage and attachment devices.
1. Color: As selected by the Architect from the manufacturer's standard colors.

B. Aluminum Framing Members: Tubular aluminum sections, drainage holes and internal weep drainage system.

C. Infill Panels: Insulated, aluminum sheet face and back, with edges formed to fit glazing channel and sealed.

D. Entrances: Glazed aluminum: Factory fabricated, aluminum framing members with tempered glass and glazing stops.
1. Doors:
a. Thickness: 2 inches.
b. Top Rail: 3-3/8 inches wide.
c. Vertical Stiles: 3-1/2 inches wide.
d. Bottom Rail: 6-3/4 inches wide.

e. Glazing Stops: Square.
f. Intermediate Mullions: As indicated on the drawings in manufacturer's standard extrusions.
g. Finish: Same as storefront.

2.03 MATERIALS

A. Extruded Aluminum: ASTM B221 (ASTM B221M), 6063 alloy, T-5 temper.

B. Sheet Aluminum: ASTM B209 (ASTM B209M).

C. Fasteners: Stainless steel.

D. Exposed Flashings: 0.032 inch thick aluminum sheet; finish to match framing members.

E. Perimeter Sealant: Silicone sealant as specified in Section 07900 Joint Sealers.

F. Glass in Storefront System: As specified in Section 08800.

G. Glass in Doors: Clear tempered in door manufacturer's standard thickness.

H. Glazing Gaskets: Type to suit application to achieve weather, moisture, and air infiltration requirements.

I. Glazing Accessories: As specified in Section 08800.

2.04 FINISHES

A. Class I Natural Anodized Finish: AAMA 607.1 AA-M12C22A41 Clear anodic coating not less than 0.7 mils thick.

B. Touch-Up Materials: As recommended by coating manufacturer for field application.

2.05 HARDWARE

A. Door Hardware: By door manufacturer as listed below. Balance of door hardware by supplier as listed in Section 08710 Door Hardware.
1. Weatherstripping: Wool pile, continuous and replaceable; provide on all doors.
2. Sill Sweep Strips: Resilient seal type, retracting, of neoprene; provide on all doors.

B. Weatherstripping: Wool pile, continuous and replaceable; provide on all doors.

C. Sill Sweep Strips: Resilient seal type, retracting, of neoprene; provide on all doors.

2.06 FABRICATION

A. Fabricate components with minimum clearances and shim spacing around perimeter of assembly, yet enabling installation and dynamic movement of perimeter seal.

B. Accurately fit and secure joints and corners. Make joints flush, hairline, and weatherproof.

C. Prepare components to receive anchor devices. Fabricate anchors.

D. Coat concealed metal surfaces that will be in contact with cementitious materials, masonry, treated wood or dissimilar metals with bituminous paint or as recommended by the storefront manufacturer..

E. Arrange fasteners and attachments to conceal from view.

F. Reinforce components internally for door hardware.

G. Reinforce framing members for imposed loads.

H. Finishing: Apply factory finish to all surfaces that will be exposed in completed assemblies.
   1. Touch-up surfaces cut during fabrication so that no natural aluminum is visible in completed assemblies, including joint edges.

PART 3 EXECUTION

3.01 EXAMINATION

A. Verify dimensions, tolerances, and method of attachment with other work.

B. Verify that wall openings and adjoining air and vapor seal materials are ready to receive work of this section.

3.02 INSTALLATION

A. Install wall system in accordance with manufacturer's instructions.

B. Attach to structure to permit sufficient adjustment to accommodate construction tolerances and other irregularities.

C. Provide alignment attachments and shims to permanently fasten system to building structure.

D. Align assembly plumb and level, free of warp or twist. Maintain assembly dimensional tolerances, aligning with adjacent work.

E. Provide thermal isolation where components penetrate or disrupt building insulation.

F. Install sill flashings. Turn up ends and edges; seal to adjacent work to form water tight dam.

G. Coordinate attachment and seal of perimeter air and vapor barrier materials.

H. Pack fibrous insulation in shim spaces at perimeter of assembly to maintain continuity of thermal barrier.

I. Install operating sash.

J. Set thresholds in bed of mastic and secure.

K. Install glass and infill panels in accordance with Section 08800, using glazing method required to achieve performance criteria.

L. Install perimeter sealant in accordance with Section 07900.

3.03 ERECTION TOLERANCES

A. Maximum Variation from Plumb: 0.06 inches every 3 ft non-cumulative or 1/16 inches per 10 ft, whichever is less.

B. Maximum Misalignment of Two Adjoining Members Abutting in Plane: 1/32 inch.

3.04 CLEANING AND PROTECTION

A. Remove protective material from pre-finished aluminum surfaces.

B. Wash down surfaces with a solution of mild detergent in warm water, applied with soft, clean wiping cloths. Take care to remove dirt from corners. Wipe surfaces clean.

C. Remove excess sealant by method acceptable to sealant manufacturer.

D. Touch-up minor damage to factory applied finish; replace components that cannot be satisfactorily repaired.

E. Protect finished work from damage.

END OF SECTION

SECTION 11 710

PAINT BOOTH INSTALLATION

PART 1 GENERAL

1.01 SECTION INCLUDES

A. All labor and materials necessary for the installation of Owner-supplied paint booth.

B. The work includes, but not limited to, the following:
1. Anchorage of the paint booth to the building slab.
2. Coordination and final electrical connection of the paint booth power to the building electrical service.
3. Coordination and installation of the Owner-supplied exhaust ductwork through the roofing.
4. Coordination and installation of the fire suppression system.

1.02 RELATED SECTIONS

A. Section 07411 – Metal Roof.

B. Section 16110 – Conduit and Raceways.

C. Section 16120 – Conductors.

D. Section 16130 – Outlet Boxes and Junction Boxes.

1.03 REFERENCES

A. National Fire Protection Association (NFPA) 13: Standard for the installation of Sprinkler Systems, latest edition.

B. National Fire Protection Association (NFPA) 33: Standard for Spray Application Using Flammable and Combustible Materials, latest edition.

C. Occupational Safety and Health Act (OSHA) – Paragraph 1910.107(b)(5)(iv): Requirement for Automatic Fire Suppression System.

1.04 PRE-INSTALLATION MEETING

A. Convene one week before starting work of this section.

PART 2 PRODUCTS – NOT USED

PART 3 EXECUTION

3.01 EXAMINATION

A. Examine area to receive paint booth and coordinate final location with exhaust ducting and structure above.

B. Confirm location and capacity of power for paint booth.

3.02 PREPARATION

A. Lay out location of anchor bolts as indicated on the paint booth manufacturer's layout shop drawings.

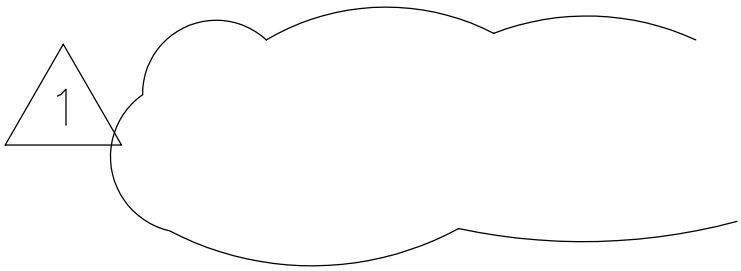
3.03 INSTALLATION

A. Install paint booth in accordance with manufacturer's instructions.
   1. Anchor paint booth to floor using anchor bolts as recommended by the booth manufacturer.
   2. Make final connection of exhaust duct to roofing flange collar.
   3. Make final connection of electrical power from building service disconnect to paint booth junction box.
   4. Install all sprinkler piping and sprinkler heads as required and as recommended by the booth manufacturer for complete automatic fire suppression system.

END OF SECTION

R AIR HANDLING UNITS

	COOLING COIL DATA							
LAT (F°)	MAX. FACE VEL. (FPM)	TOTAL COOLING MBH	SENSIBLE COOLING MBH	GPM	WPD (FT) w.g.	EWT/LWT (F°)	EAT dB/wb (°F)	LAT dB/wb (°F)
N/A	550	637	470	89	14.4	42/56.4	79.6/65.5	52.0/51.7
85	550	370	250	51	1.1	42/56	82.6/67.3	54.0/53.8
85	550	300	260	44	3.6	42/57.5	80.0/66.0	53.8/53.5



PLY FAN SECTION.
E: STEAM HUMIDIFIER IS INSTALLED IN THE SUPPLY AIR DUCTWORK.
BY "PURE"), SUPPLY FAN, AND PERFORATED DISCHARGE PLENUM.

CONNECTION.

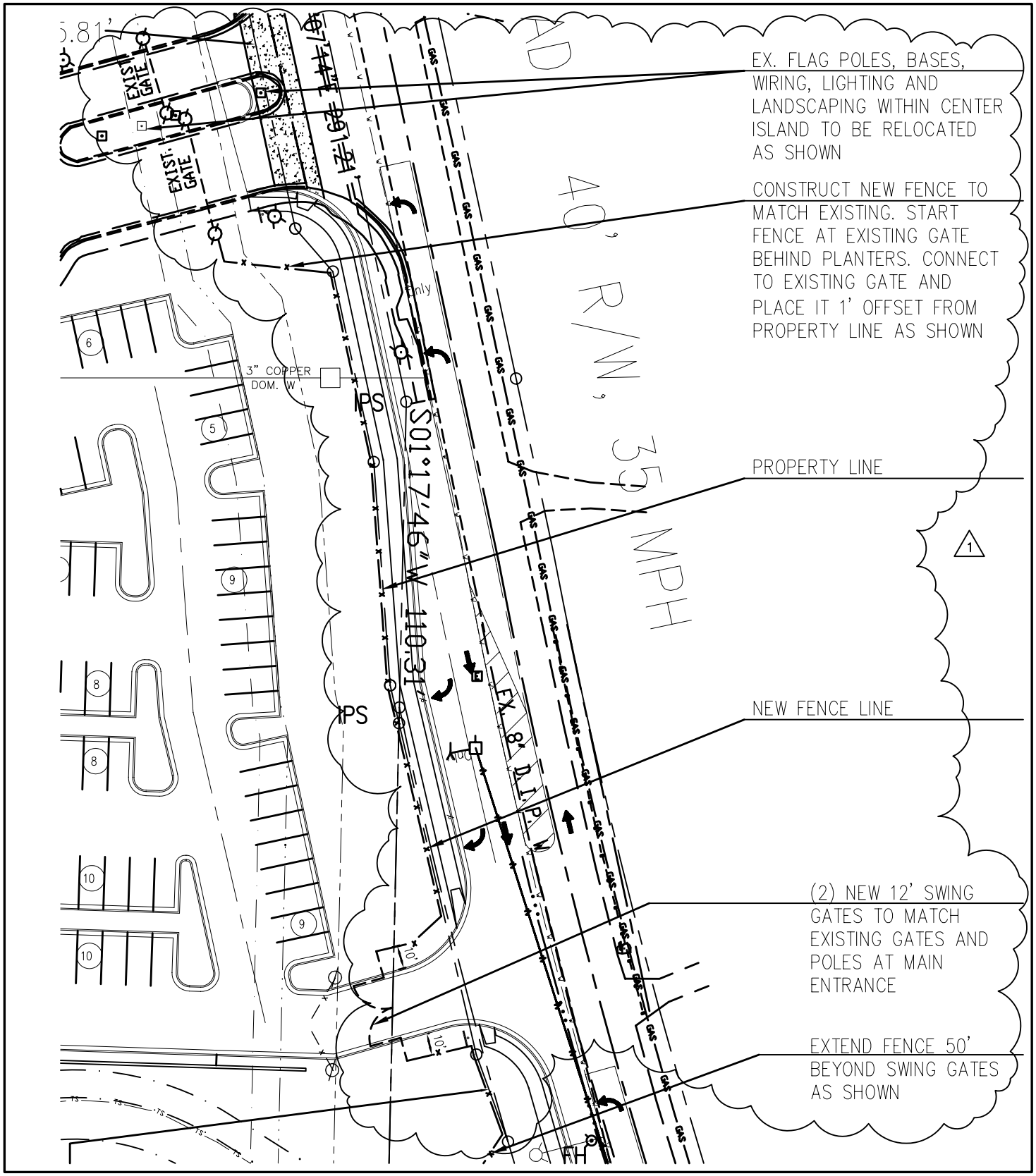
AND OUTDOOR AIR TEMP.

FAN TYPE NOTES:
VAV: VARIABLE AIR VOLUME
CV: CONSTANT VOLUME
AF: AIRFOIL
FC: FORWARD CURVED

	SOU
AHU-1	DISC
	INLET
	CAS
AHU-2	DISC
	INLE
	CAS
AHU-3	DISC
	INLE
	CAS

GARDNER SPENCER SMITH TENCH & HENSLEY
127 Peachtree Street
Suite 1020
Atlanta, Georgia 30303
Tel: 404-522-8605
Fax: 404-521-2118

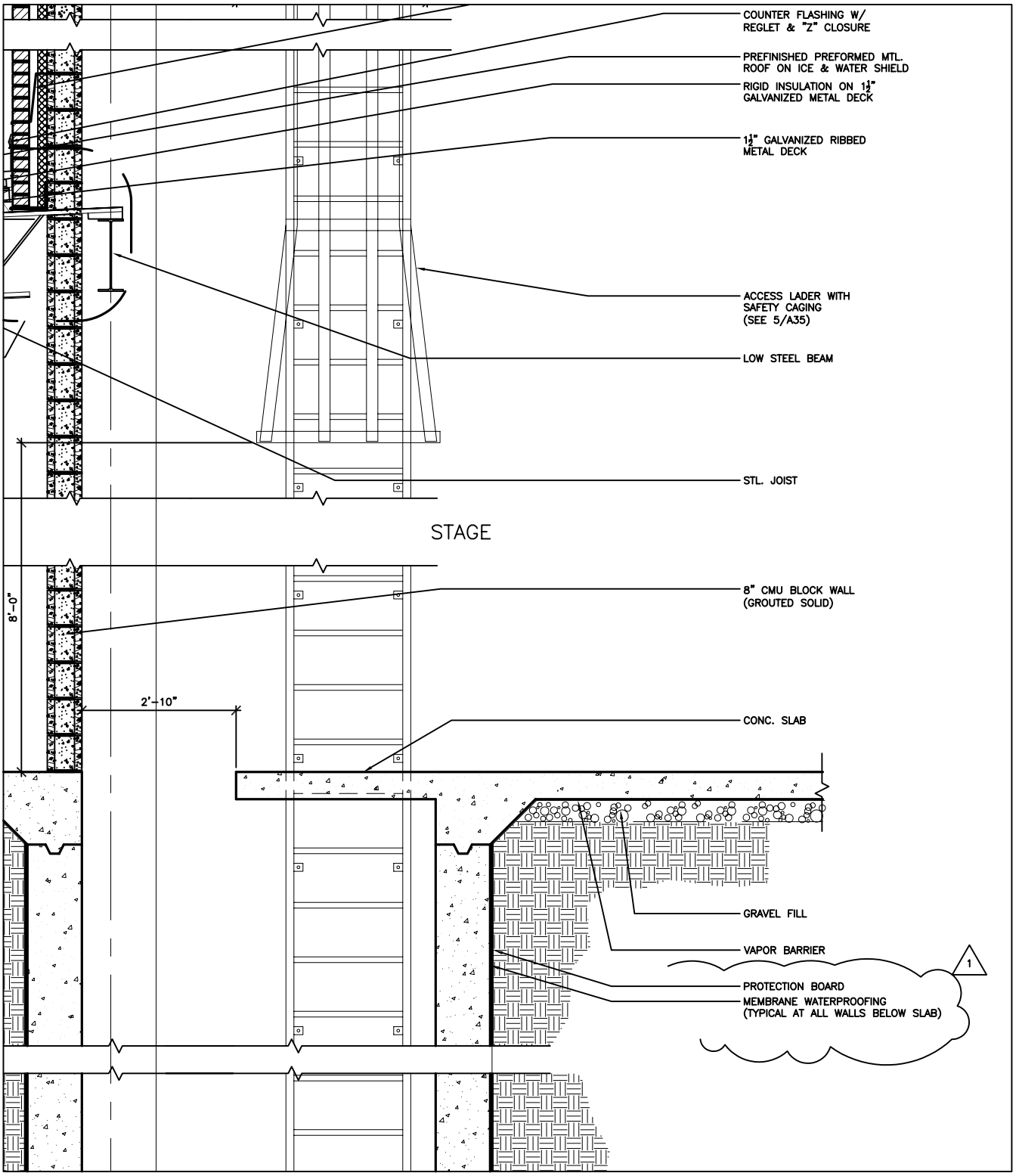
PROJECT NAME	PROJECT NO.	DATE	SHEET NO.
FULTON COUNTY SW ARTS PHASE II THEATER	01145	07-29-05	SK1
SHEET TITLE	**REF. SHT.**	**REVISION**	**SCALE**
MODULAR AIR HANDLING UNITS	M0	Addendum 1	NONE



GARDNER SPENCER SMITH TENCH & HENSLEY
127 Peachtree Street
Suite 1020
Atlanta, Georgia 30303
Tel: 404-522-8805
Fax: 404-521-2118

PROJECT NAME	PROJECT NO.	DATE	SHEET NO.
FULTON COUNTY SW ARTS PHASE II THEATER	01145	07-29-05	SK2

SHEET TITLE	REF. SHT.	REVISION	SCALE
FRONTAGE FENCING	2/C1.1	Addendum 1	1" = 50'



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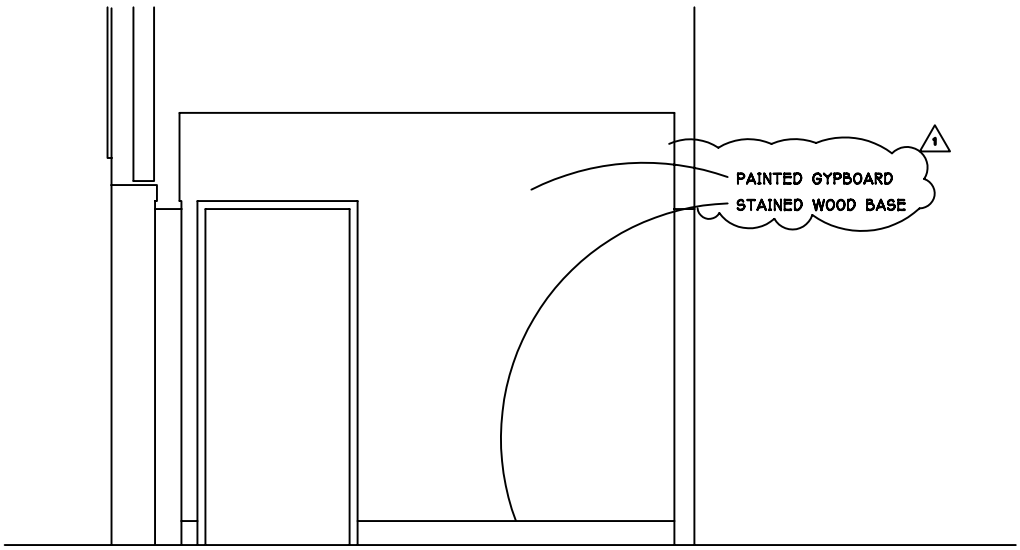
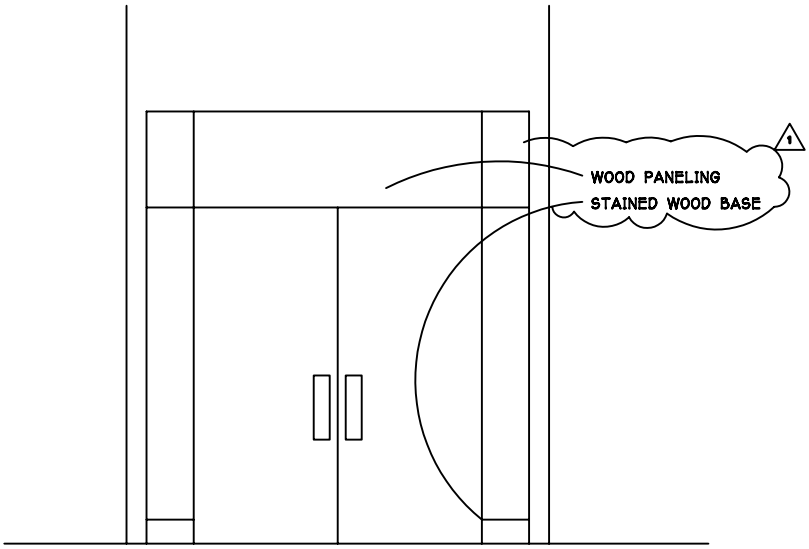
PROJECT NAME	PROJECT NO.	DATE	SHEET NO.
FULTON COUNTY SW ARTS PHASE II THEATER	01145	07-29-05	SK3

SHEET TITLE	REF. SHT.	REVISION	SCALE
WALL SECTION @ PIT	2/A15	Addendum 1	3/8"=1'-0"



4 / A34 ELEVATION AT VESTIBULE

1/4" = 1'-0"



5 / A34 ELEVATION AT VESTIBULE

1/4" = 1'-0"

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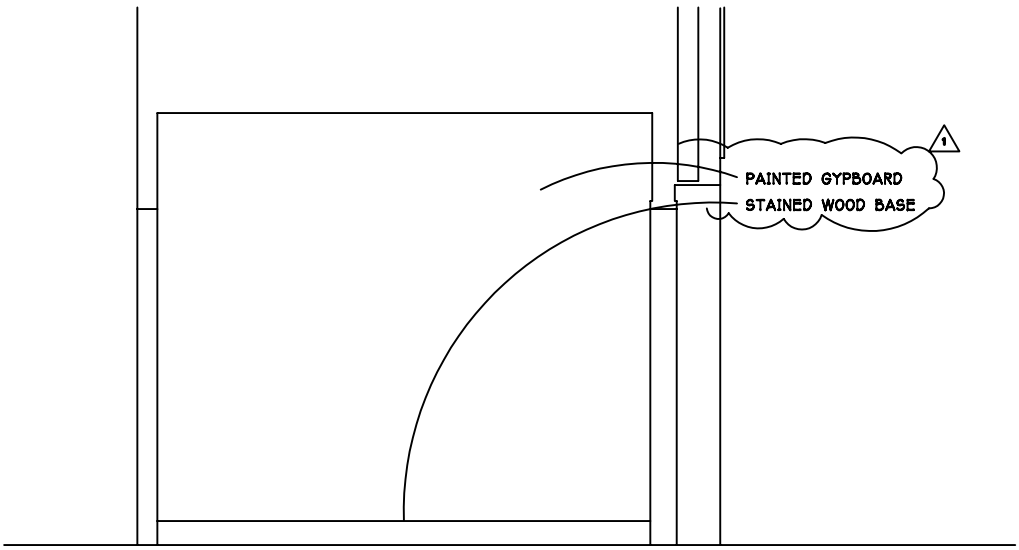
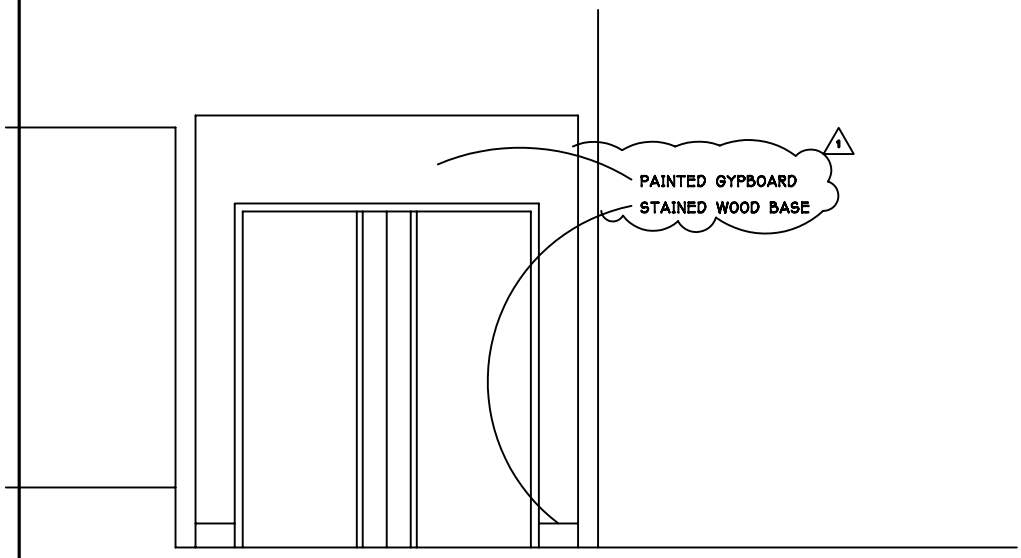
PROJECT NAME	PROJECT NO.	DATE	SHEET NO.
FULTON COUNTY SW ARTS PHASE II THEATER	01145	07-29-05	SK4
SHEET TITLE	**REF. SHT.**	**REVISION**	**SCALE**
VESTIBULE ELEVATIONS	A34	Addendum 1	1/4"=1'-0"



6 / A34 ELEVATION AT VESTIBULE

1/4" = 1'-0"



7 / A34 ELEVATION AT VESTIBULE

1/4" = 1'-0"

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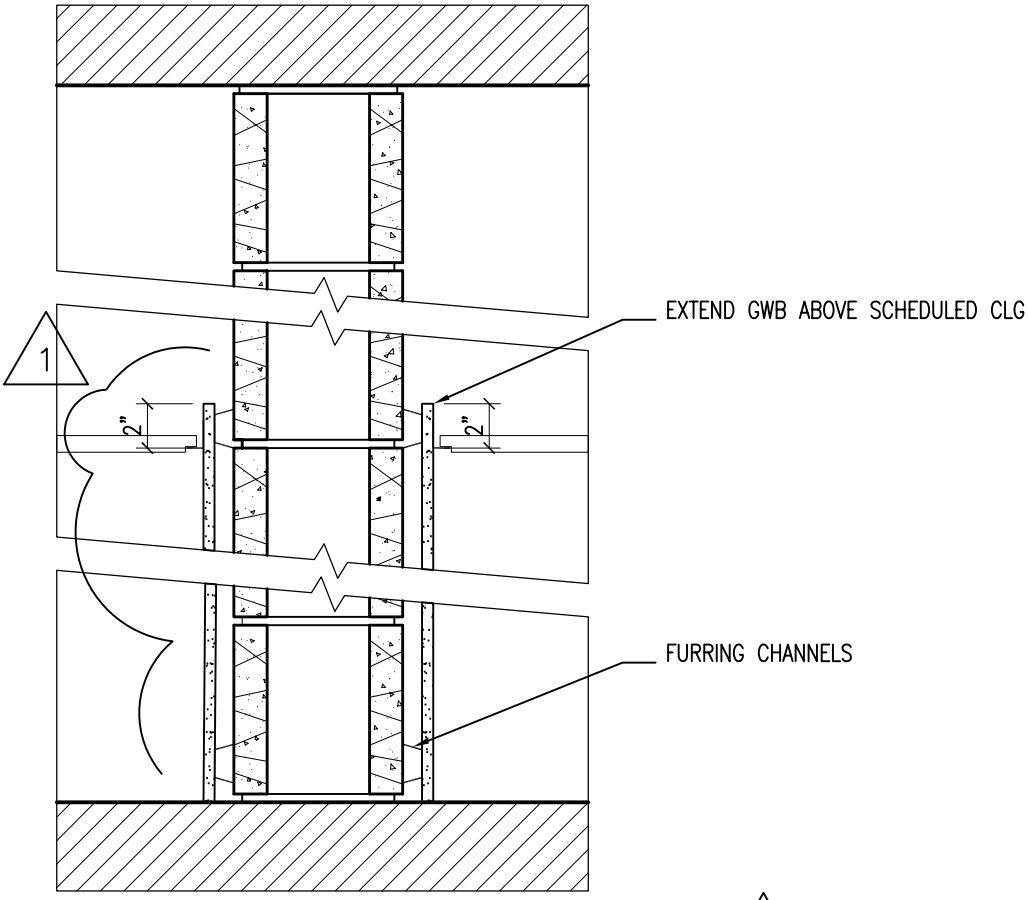
PROJECT NAME	PROJECT NO.	DATE	SHEET NO.
FULTON COUNTY SW ARTS PHASE II THEATER	01145	07-29-05	SK5
SHEET TITLE	**REF. SHT.**	**REVISION**	**SCALE**
VESTIBULE ELEVATIONS	A34	Addendum 1	1/4"=1'-0"



1

B 8" CMU W/ 1/2" GWB ONE SIDE ON FURRING CHANNELS

B1 8" CMU – I HR. RATED W/ 1/2" GWB ON FURRING CHANNELS

B2 8" CMU W/ 1/2" GWB EA. SIDE ON FURRING CHANNELS

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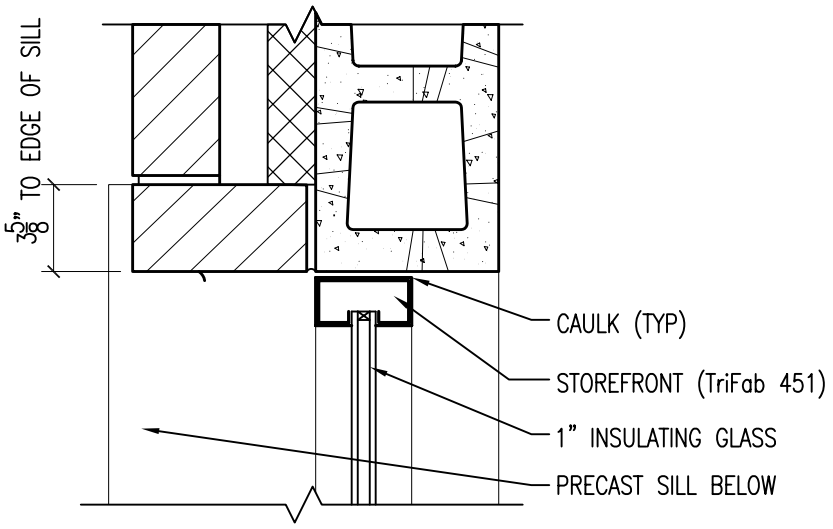
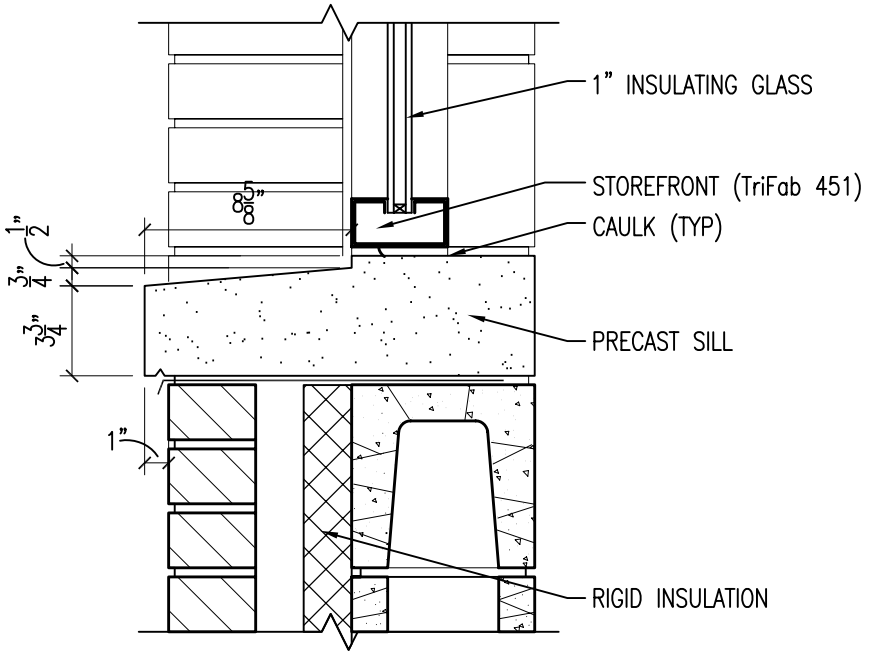
PROJECT NAME	PROJECT NO.	DATE	SHEET NO.
FULTON COUNTY SW ARTS PHASE II THEATER	01145	07-29-05	SK6
SHEET TITLE	**REF. SHT.**	**REVISION**	**SCALE**
WALL TYPE B2	A1	Addendum 1	N.T.S.



JAMB DETAIL



SILL DETAIL

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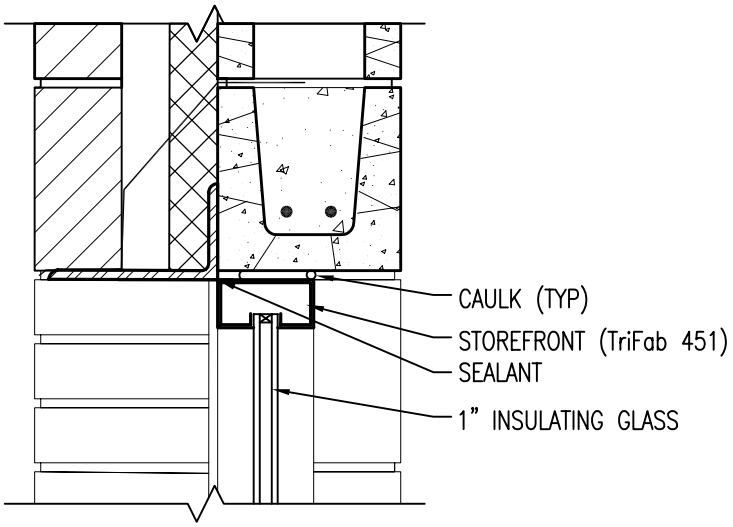
PROJECT NAME	PROJECT NO.	DATE	SHEET NO.
FULTON COUNTY SW ARTS PHASE II THEATER	01145	07-29-05	SK7
SHEET TITLE	**REF. SHT.**	**REVISION**	**SCALE**
DOOR SCHEDULE	A38	Addendum 1	NONE



HEAD DETAIL

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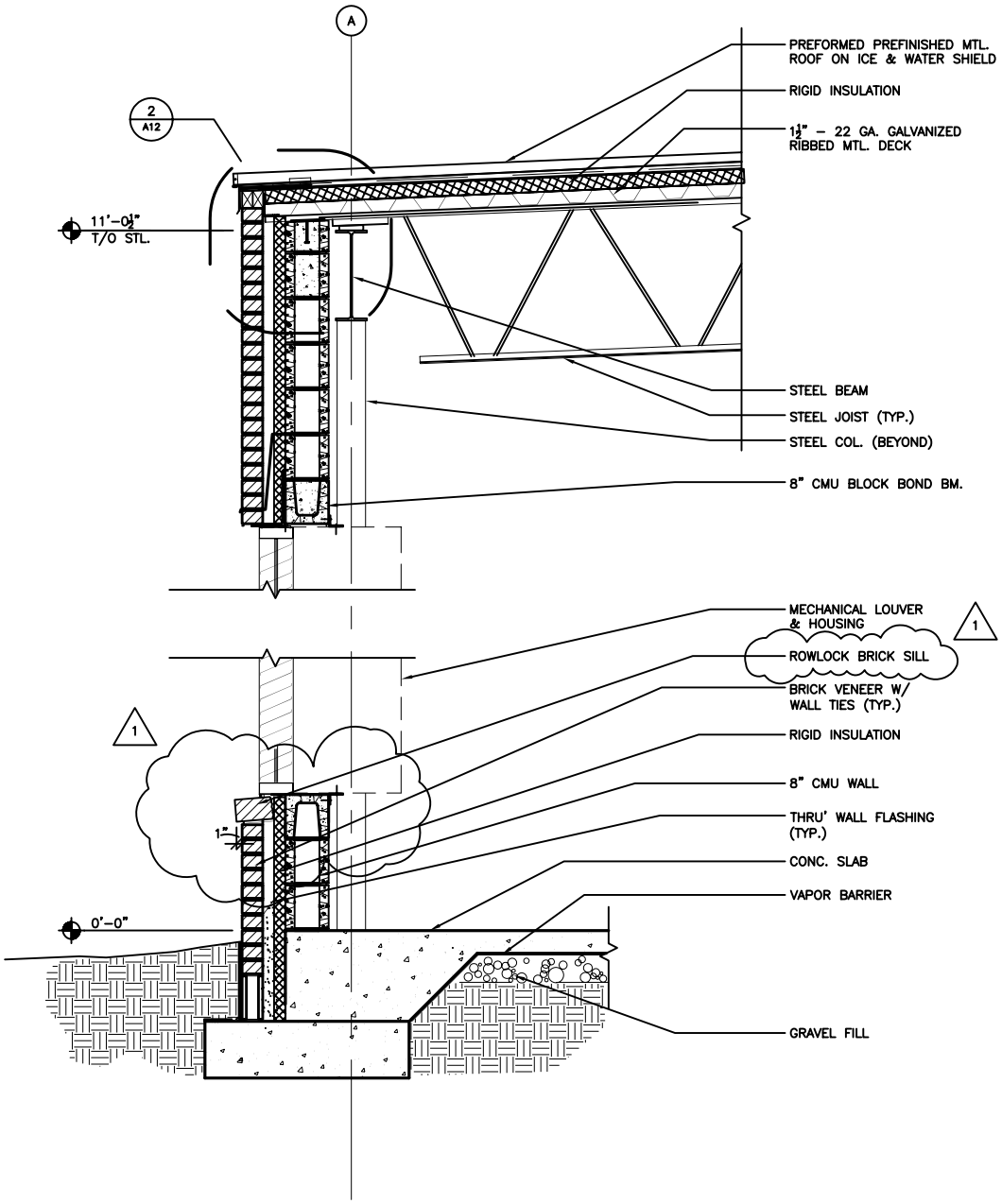
PROJECT NAME	PROJECT NO.	DATE	SHEET NO.
FULTON COUNTY SW ARTS PHASE II THEATER	01145	07-29-05	SK8

SHEET TITLE	REF. SHT.	REVISION	SCALE
DOOR SCHEDULE	A38	Addendum 1	NONE



1 / A15 WALL SECTION AT MECH. RM. LOUVER

3/8" = 1'-0"

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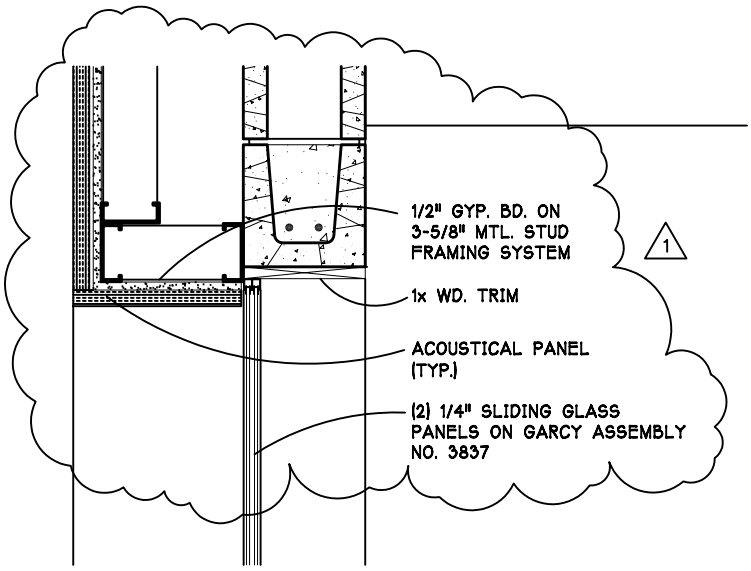
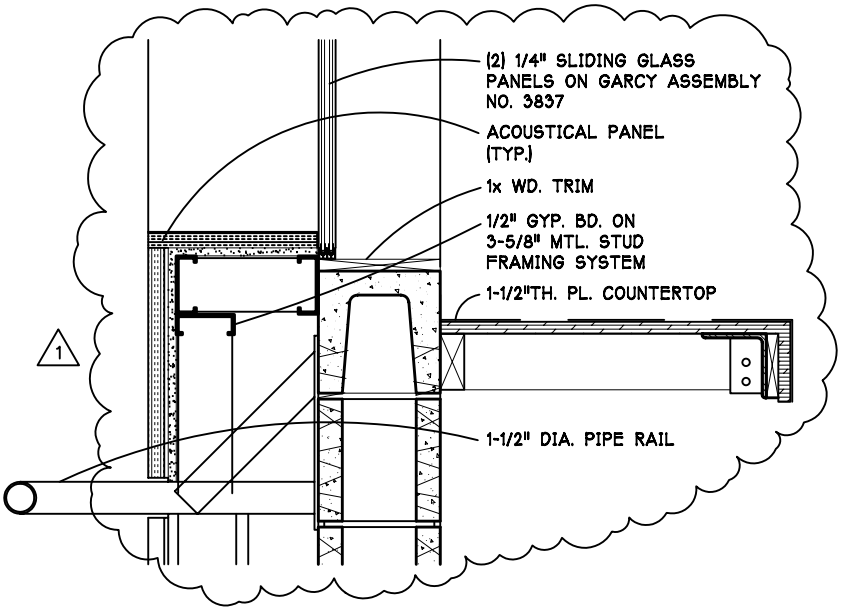
PROJECT NAME	PROJECT NO.	DATE	SHEET NO.
FULTON COUNTY SW ARTS PHASE II THEATER	01145	07-29-05	SK9

SHEET TITLE	REF. SHT.	REVISION	SCALE
WALL SECTION @ MECH. RM. LOUVER	1/A15	Addendum 1	3/8"=1'-0"



HEAD / JAMB DETAIL @ SLIDING GLASS

1" = 1'-0"



SILL DETAIL @ SLIDING GLASS

1" = 1'-0"

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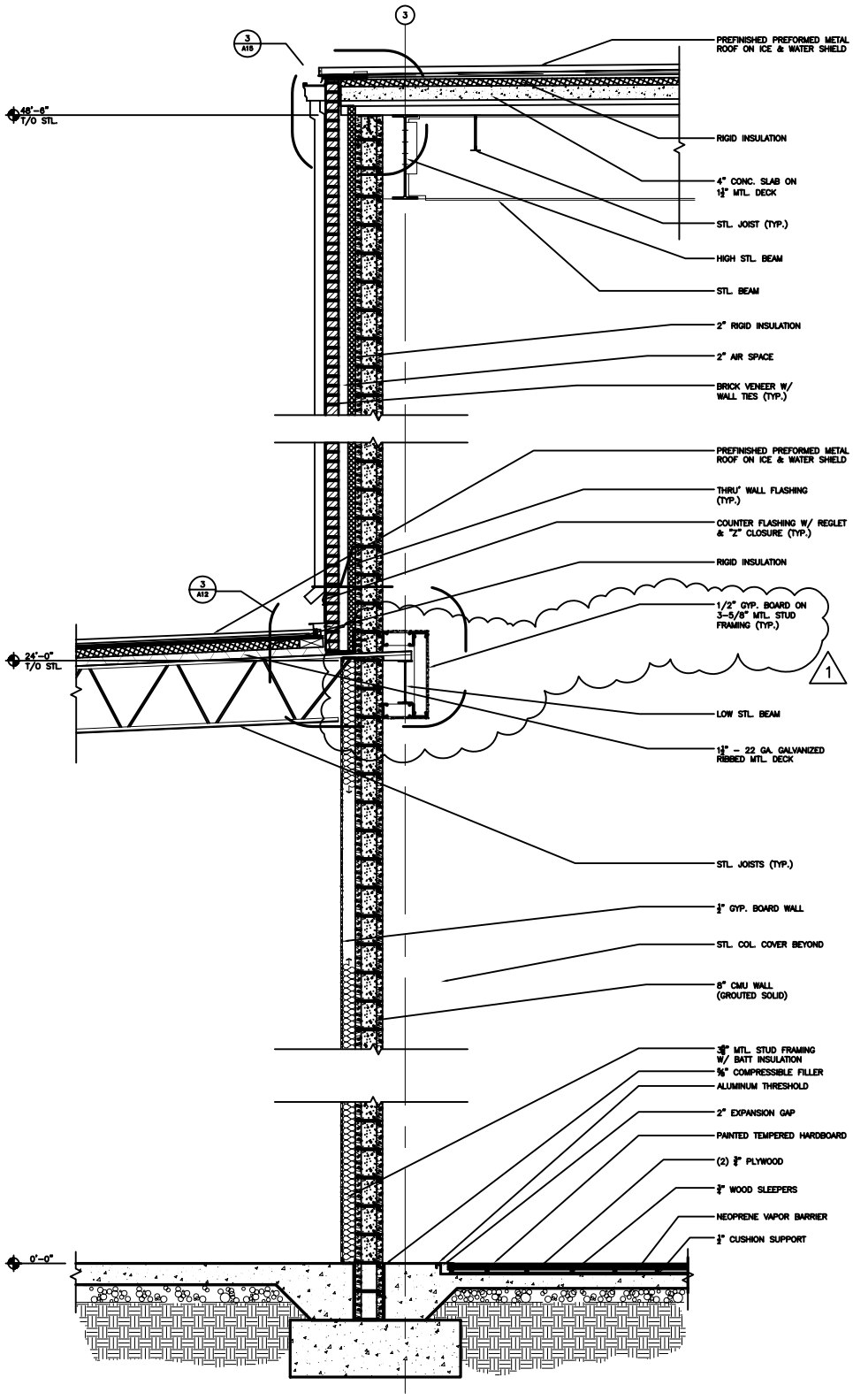
PROJECT NAME	PROJECT NO.	DATE	SHEET NO.
FULTON COUNTY SW ARTS PHASE II THEATER	01145	07-29-05	SK10
SHEET TITLE	**REF. SHT.**	**REVISION**	**SCALE**
SECTION AT SOUND POSITION	3/A34	Addendum 1	1" = 1'-0"



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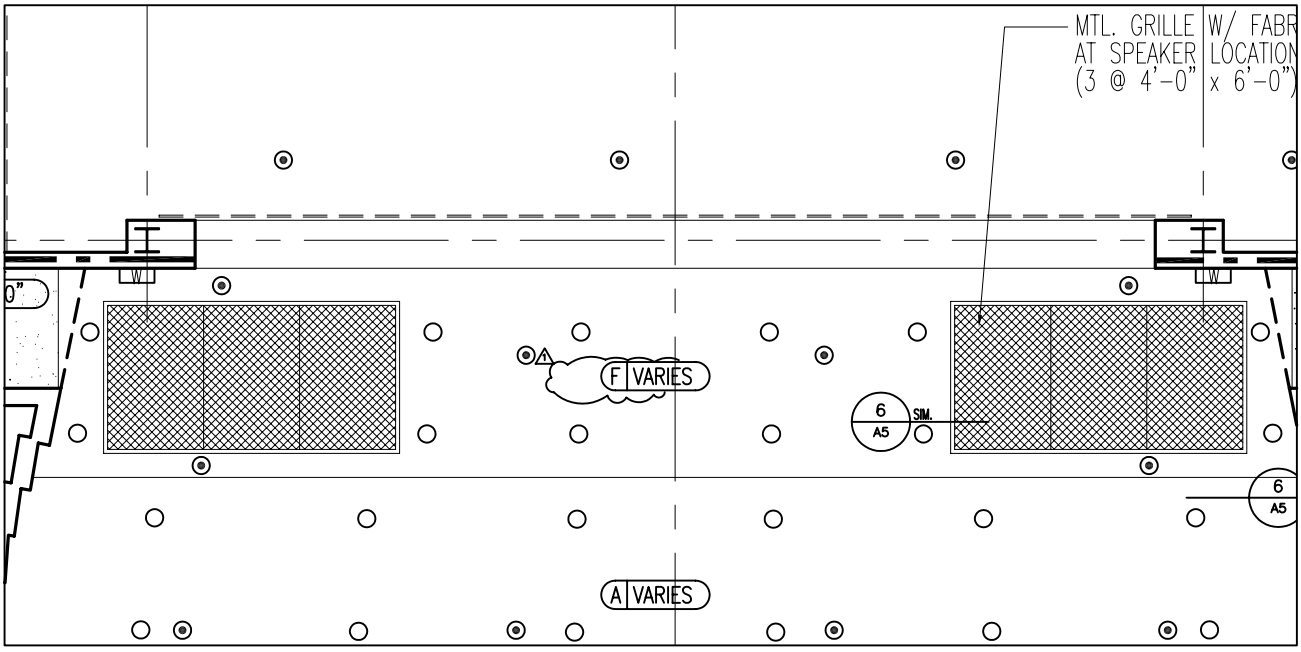
PROJECT NAME	PROJECT NO.	DATE	SHEET NO.
FULTON COUNTY SW ARTS PHASE II THEATER	01145	07-29-05	SK11

SHEET TITLE	REF. SHT.	REVISION	SCALE
WALL SECTION BETWN. SCENE SHOP & STAGE	2/A11	Addendum 1	NONE

CEILING TYPES

A	GYPSUM BOARD
B	EXTERIOR GYPSUM BOARD (PAINTED)
C	ARMSTRONG GRAPHIS WRAPPER LINEAR, WHITE, TYPE III, J2 LINEAR RILLED, 2' x 2' x 3/4" OR EQUAL
D	ARMSTRONG CIRRUS OPEN PLAN, WHITE, BEVELED, TEGULAR, TYPE III, 2' x 2' x 7/8" OR EQUAL
E	ARMSTRONG FISSURED, WHITE, ANGLED, TEGULAR, TYPE III, 2' x 2' x 5/8" OR EQUAL
F	WOOD PANELING – MATCH VENEERS OF SIDE WALL PANELING



1 / A5 REFLECTED CEILING PLAN

1/8" = 1'-0"

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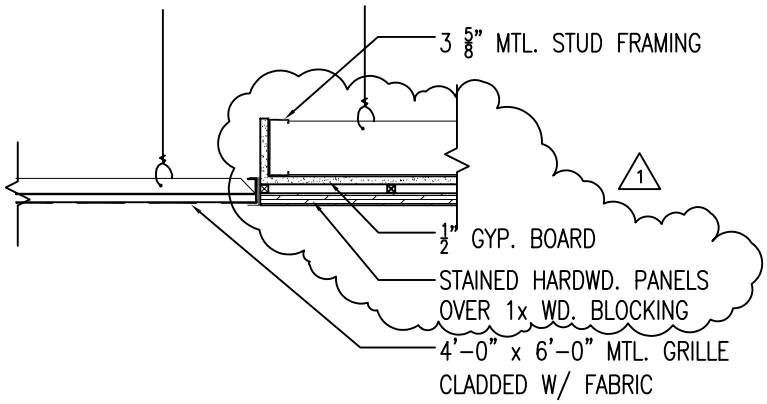
PROJECT NAME	PROJECT NO.	DATE	SHEET NO.
FULTON COUNTY SW ARTS PHASE II THEATER	01145	07-29-05	SK12

SHEET TITLE	REF. SHT.	REVISION	SCALE
FIRST LEVEL REF. CEILING PLAN	A5	Addendum 1	1/8"=1'-0"



6
A5

CLG. DETAIL @ SPEAKERS

1" = 1'-0"

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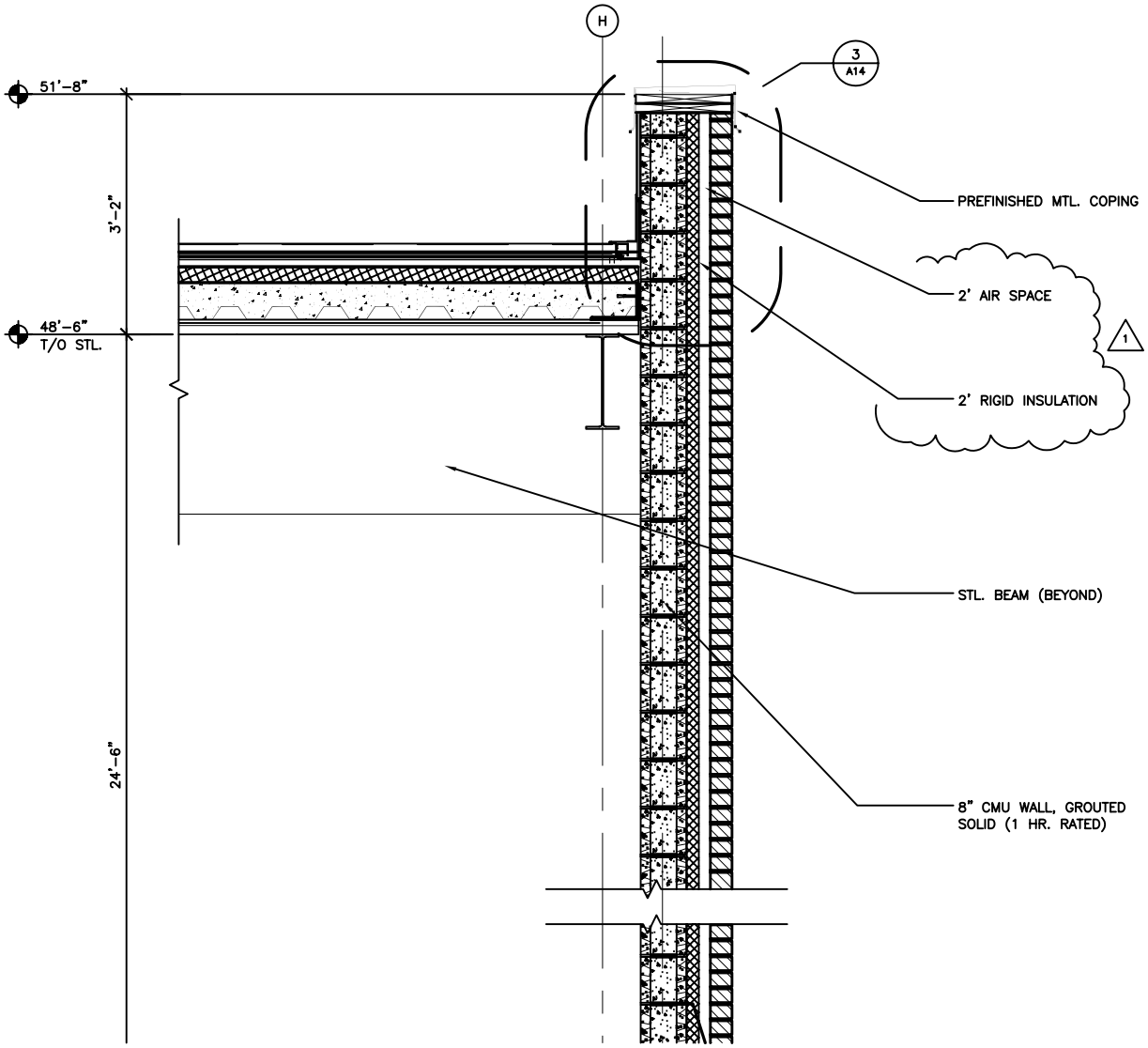
PROJECT NAME	PROJECT NO.	DATE	SHEET NO.
FULTON COUNTY SW ARTS PHASE II THEATER	01145	07-29-05	SK13

SHEET TITLE	REF. SHT.	REVISION	SCALE
FIRST LEVEL REF. CEILING PLAN	A5	Addendum 1	1"=1'-0"



WALL SECTION BETWN. STAGE HOUSE AND COSTUME MAINTENANCE

1 / A16

NTS

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PROJECT NAME	PROJECT NO.	DATE	SHEET NO.
FULTON COUNTY SW ARTS PHASE II THEATER	01145	07-29-05	SK14
SHEET TITLE	**REF. SHT.**	**REVISION**	**SCALE**
WALL SECTION	1/A16	Addendum 1	NTS

KEYNOTES

1. 4" THICK 3,000 PSI CONCRETE SLAB ON 4" GRAVEL SUBBASE WITH 1.5 lbs/CUBIC YARD OF POLYPROPYLENE FIBERS (2" MIN. LENGTH) ON PREPARED SUBGRADE (SEE GEOTECHNICAL REPORT). SEE ARCHITECTURAL FOR VAPOR BARRIER. △1
2. LOAD-BEARING $3\frac{5}{8}$" METAL STUD WALL, 362S162-43 AT 24"o.c.
3. RECESSED SLAB FOR WOOD STAGE FLOOR. SEE ARCHITECTURAL FOR DIMENSIONS. PROVIDE TOWELED FINISH.
4. 8" SOLID GROUTED CMU SHEAR WALL WITH #5 VERTICAL BARS AT 48" o.c.
5. 8" CMU WALL WITH #5 VERTICAL IN GROUT FILLED CELLS AT 48" o.c. WITH DOWEL INTO FOOTING. HOOK INTO BOND BEAM AT TOP OF WALL.
6. 8" CMU WALL WITH #6 VERTICAL AT 16" o.c.
7. 4'-0" WIDEx1'-4" THICKxCONTINUOUS CONCRETE FOOTING WITH (5) #5xCONTINUOUS BOTTOM LONGITUDINAL AND #5x3'-6" TRANSVERSE. AT 12" o.c. BOTTOM.
8. NOT USED
9. GRAVELLED AREA - SEE ARCH'L., CIVIL, OR GEOTECH REPORT FOR REQUIREMENTS.
10. (2) #4x4'-0" TOP AT RE-ENTRANT CORNERS AND AT CONTROL JOINTS TERMINATIONS
11. PRE-MANUFACTURED METAL PAN STAIRS, SPIRAL STAIRCASE, CAGED LADDERS, AND/OR RAMPS. PROVIDE EMBEDS IN CONCRETE FOR SUPPORT. SUBMIT EMBED SHOP DRAWINGS FOR REVIEW PRIOR TO CONCRETE PLACEMENT. PROVIDE POSTS IN WALLS AND 3'-0"x3'-0"x1'-0" THICK THICKENED SLAB AS REQUIRED FOR STAIR SUPPORT. COORDINATE LOCATION OF FOOTINGS WITH STAIR SHOP DRAWINGS. DO NOT HANG STAIRS FROM STRUCTURE.
12. CONSTRUCTION JOINT, SEE 4/S0.2.

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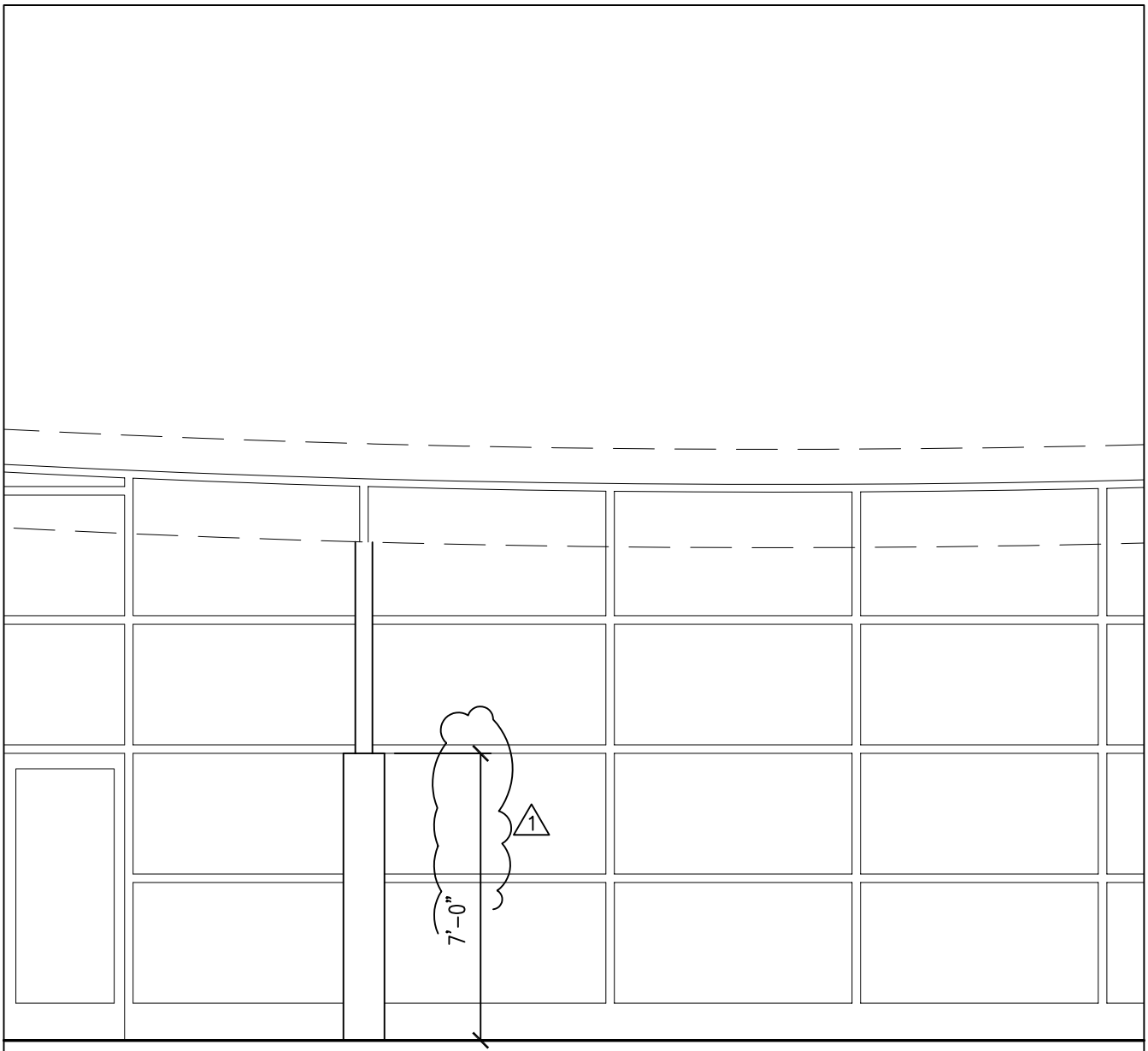
PROJECT NAME	PROJECT NO.	DATE	SHEET NO.
FULTON COUNTY SW ARTS PHASE II THEATER	01145	07-29-05	SK15

SHEET TITLE	REF. SHT.	REVISION	SCALE
FOUNDATION AND FLOOR SLAB PLAN	S1.1	Addendum 1	NTS



5
A25

LOBBY ELEVATION FROM INTERIOR

1/4" = 1'-0"

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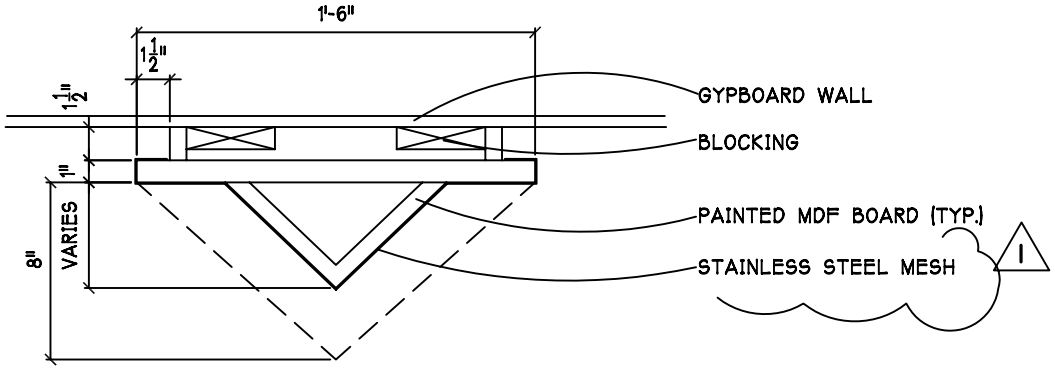
PROJECT NAME	PROJECT NO.	DATE	SHEET NO.
FULTON COUNTY SW ARTS PHASE II THEATER	01145	07-29-05	SK16
SHEET TITLE	**REF. SHT.**	**REVISION**	**SCALE**
LOBBY ELEVATIONS	5/A25	Addendum 1	1/4"=1'-0"



6 / A33 DETAIL AT LIGHTING ELEMENT

NTS

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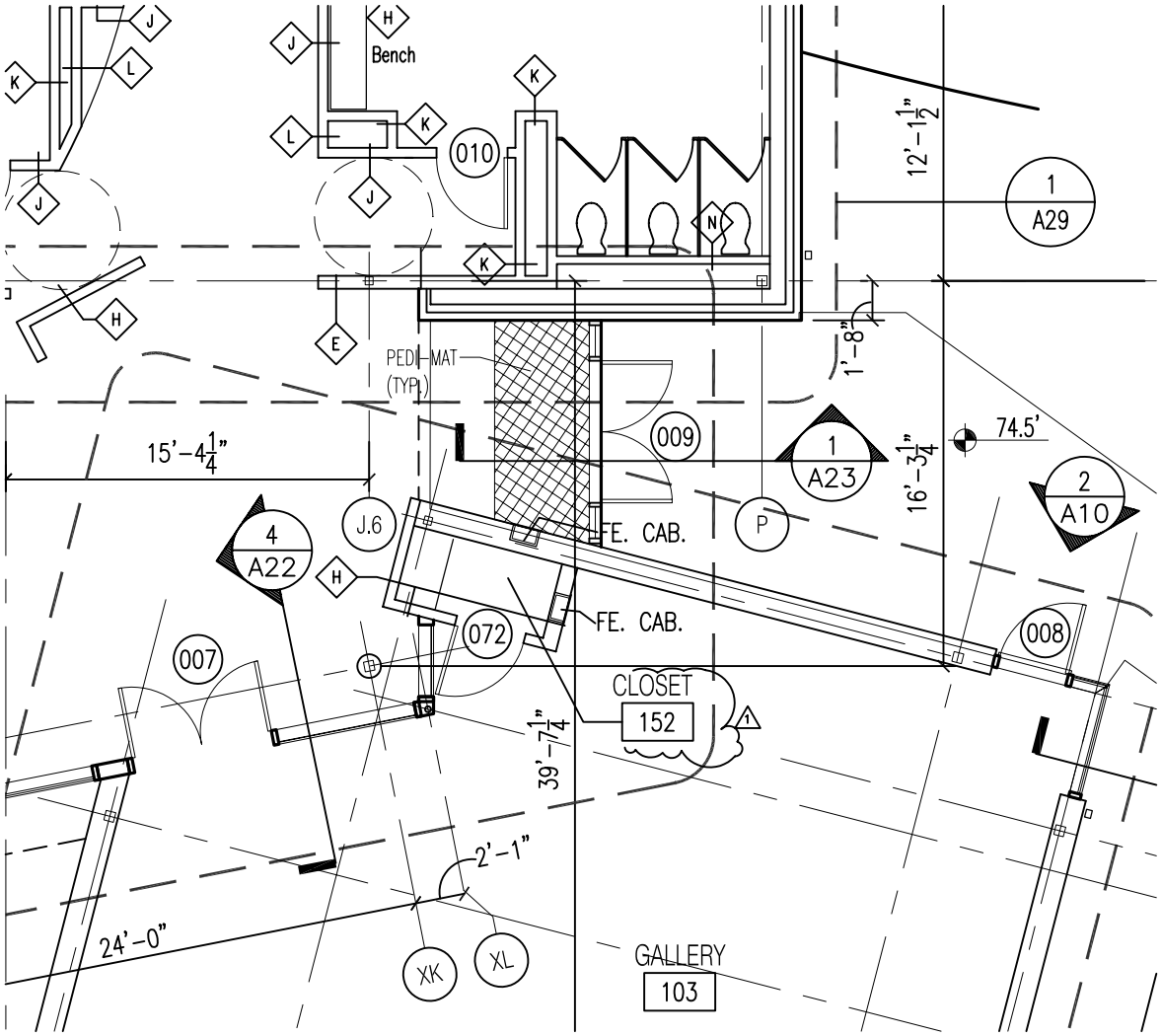
PROJECT NAME	PROJECT NO.	DATE	SHEET NO.
FULTON COUNTY SW ARTS PHASE II THEATER	01145	07-29-05	SK17

SHEET TITLE	REF. SHT.	REVISION	SCALE
DETAIL AT LIGHTING ELEMENT	6/A33	Addendum 1	N.T.S.



1/A2 FLOOR PLAN

1/8" = 1'-0"

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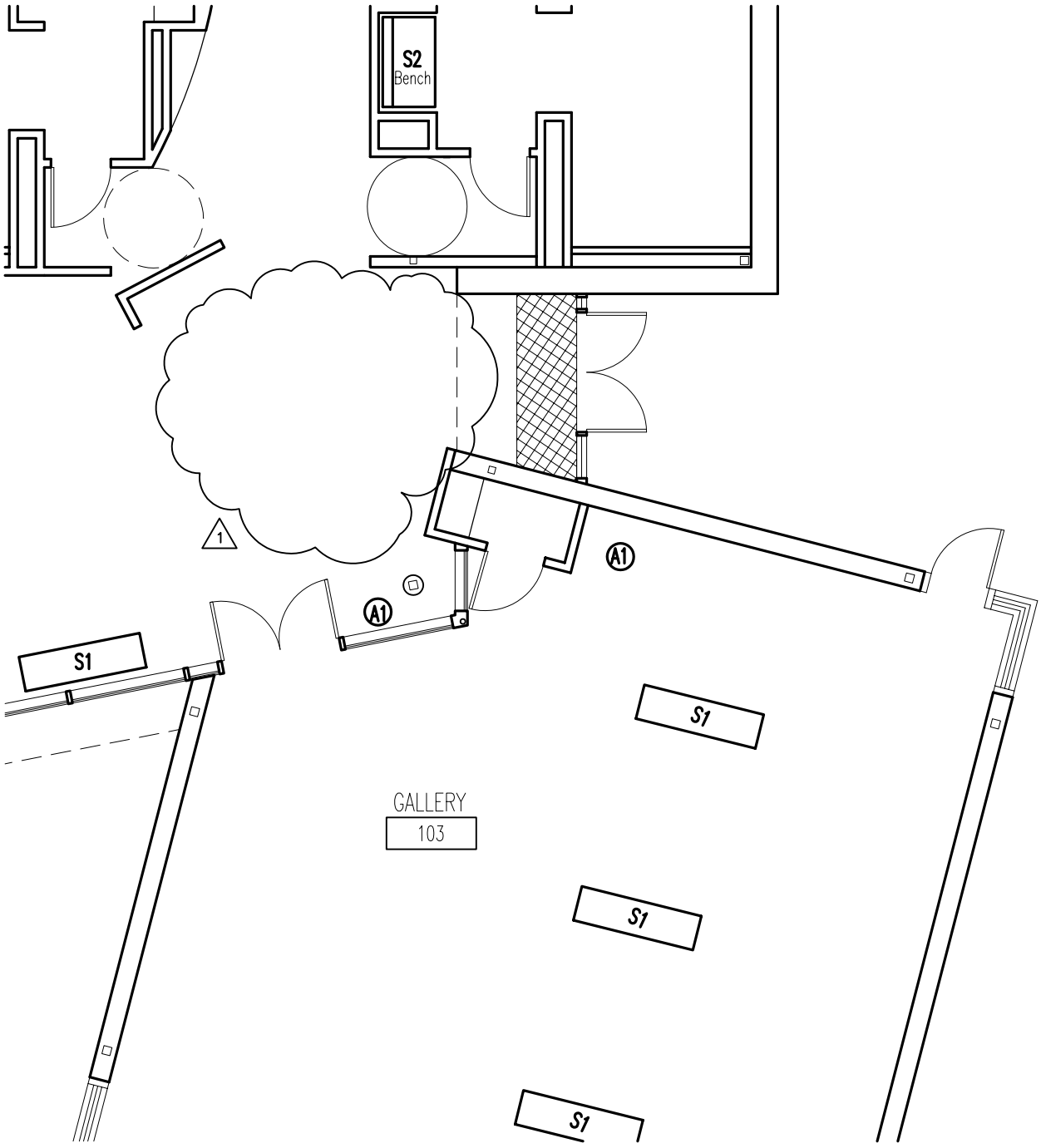
PROJECT NAME	PROJECT NO.	DATE	SHEET NO.
FULTON COUNTY SW ARTS PHASE II THEATER	01145	07-29-05	SK18
SHEET TITLE	**REF. SHT.**	**REVISION**	**SCALE**
FLOOR PLAN	A2	Addendum 1	1/8"=1'-0"



1 / F12 FIRST LEVEL PLAN

1/8" = 1'-0"

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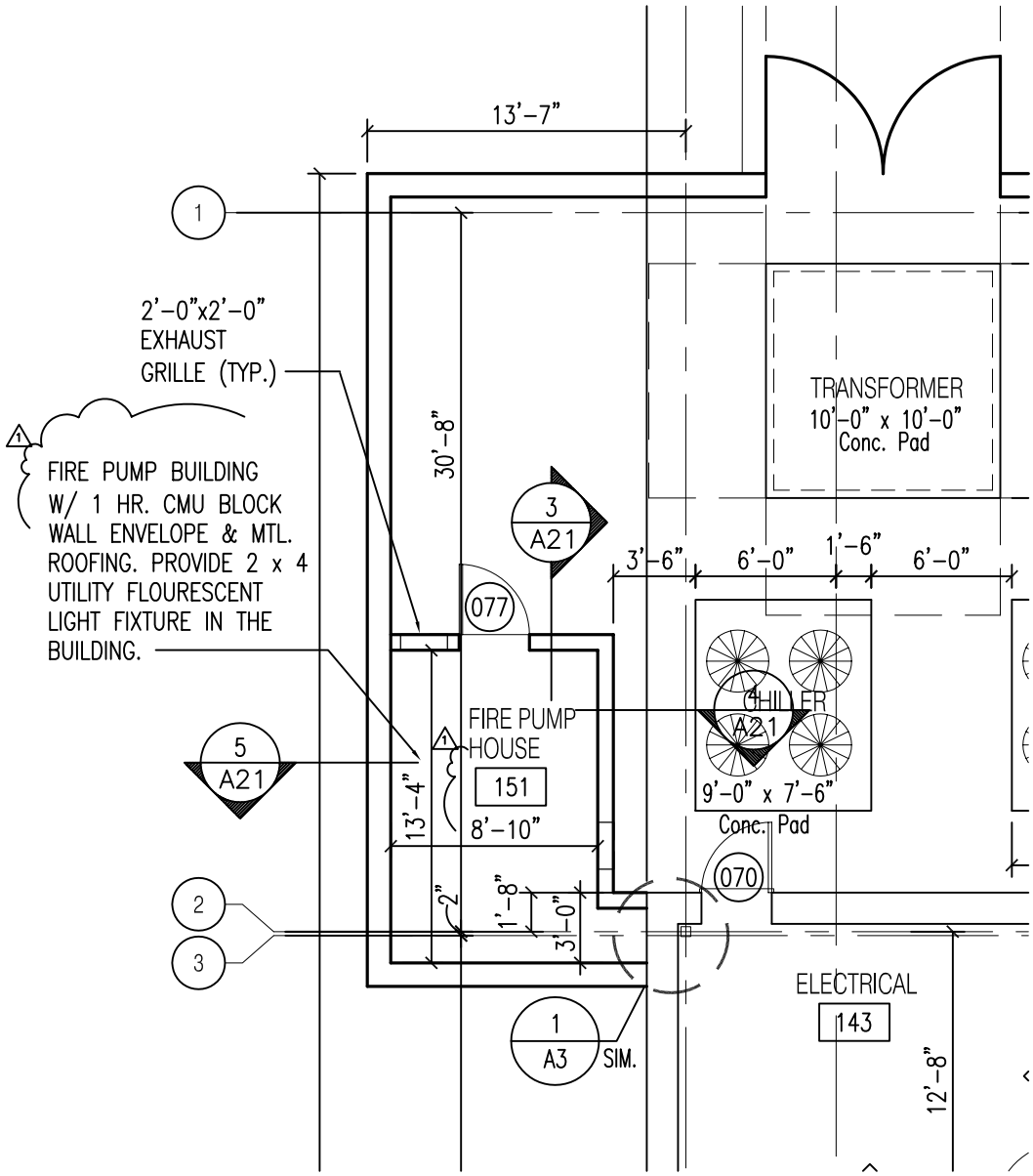
PROJECT NAME	PROJECT NO.	DATE	SHEET NO.
FULTON COUNTY SW ARTS PHASE II THEATER	01145	07-29-05	SK19

SHEET TITLE	REF. SHT.	REVISION	SCALE
FURNITURE PLAN LAYOUT	F12	Addendum 1	1/8"=1'-0"



1/A2 FLOOR PLAN

1/8" = 1'-0"

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PROJECT NAME	PROJECT NO.	DATE	SHEET NO.
FULTON COUNTY SW ARTS PHASE II THEATER	01145	07-29-05	SK20
SHEET TITLE	**REF. SHT.**	**REVISION**	**SCALE**
FLOOR PLAN	A2	Addendum 1	1/8"=1'-0"

049	B	WD	3'-0"	7'-0"	1 3/4"	B	HM	3	3	8		
050	B	WD	3'-0"	7'-0"	1 3/4"	B	HM	3	3	4	1 1/2 HR.	
051	B	WD	2 X 3'-0"	7'-0"	1 3/4"	B	HM	3	3	6		
052	B	WD	3'-0"	7'-0"	1 3/4"	B	HM	3	3	6	1 1/2 HR.	
053	B	WD	4'-0"	7'-0"	1 3/4"	B	HM	3	3	6	1 1/2 HR.	
054	B	WD	3'-0"	7'-0"	1 3/4"	B	HM	3	3	6	1 1/2 HR.	
055	B	HM	3'-0"	7'-0"	1 3/4"	B	HM	1	1	2		
056	B	WD	2 X 3'-0"	7'-0"	1 3/4"	B	HM	3	3	7	1 1/2 HR.	
057	B	WD	3'-0"	7'-0"	1 3/4"	B	HM	3	3	4		
058						NOT	USED					
059	B	HM	3'-0"	7'-0"	1 3/4"	B	HM	1	1	6		
060	D	MTL.	8'-0"	10'-0"	–	–	MTL.	8	8	9		
061	B	HM	3'-0"	7'-0"	1 3/4"	B	HM	3	3	8		
062	D	MTL.	8'-0"	10'-0"	–	–	MTL.	9	9	9	1 1/2 HR.	
063	B	HM	3'-0"	7'-0"	1 3/4"	B	HM	3	3	7	1 1/2 HR.	
064	B	HM	3'-0"	7'-0"	1 3/4"	B	HM	3	3	6		
065	B	HM	3'-0"	7'-0"	1 3/4"	B	HM	3	3	6	1 1/2 HR.	
066	B	HM	3'-0"	7'-0"	1 3/4"	B	HM	1	1	2		
067	B	HM	3'-0"	7'-0"	1 3/4"	B	HM	3	3	6		
068	B	HM	3'-0"	7'-0"	1 3/4"	B	HM	3	3	6		
069	B	HM	3'-0"	7'-0"	1 3/4"	B	HM	3	3	6		
070	B	HM	3'-0"	7'-0"	1 3/4"	B	HM	1	1	2		
071	B	HM	3'-0"	7'-0"	1 3/4"	B	HM	1	1	2		
072	B	WD	3'-0"	7'-0"	1 3/4"	A	HM	2	2	6		
073	B	WD	3'-0"	7'-0"	1 3/4"	A	HM	2	2	6		
074	B	WD	3'-0"	7'-0"	1 3/4"	A	HM	2	2	6		
075	B	WD	3'-0"	7'-0"	1 3/4"	A	HM	2	2	6		
076	B	HM	3'-0"	7'-0"	1 3/4"	A	HM	10	10	6		
077	B	HM	3'-0"	7'-0"	1 3/4"	A	HM	3	3	6	1 1/2 HR.	

1 A38

DOOR SCHEDULE

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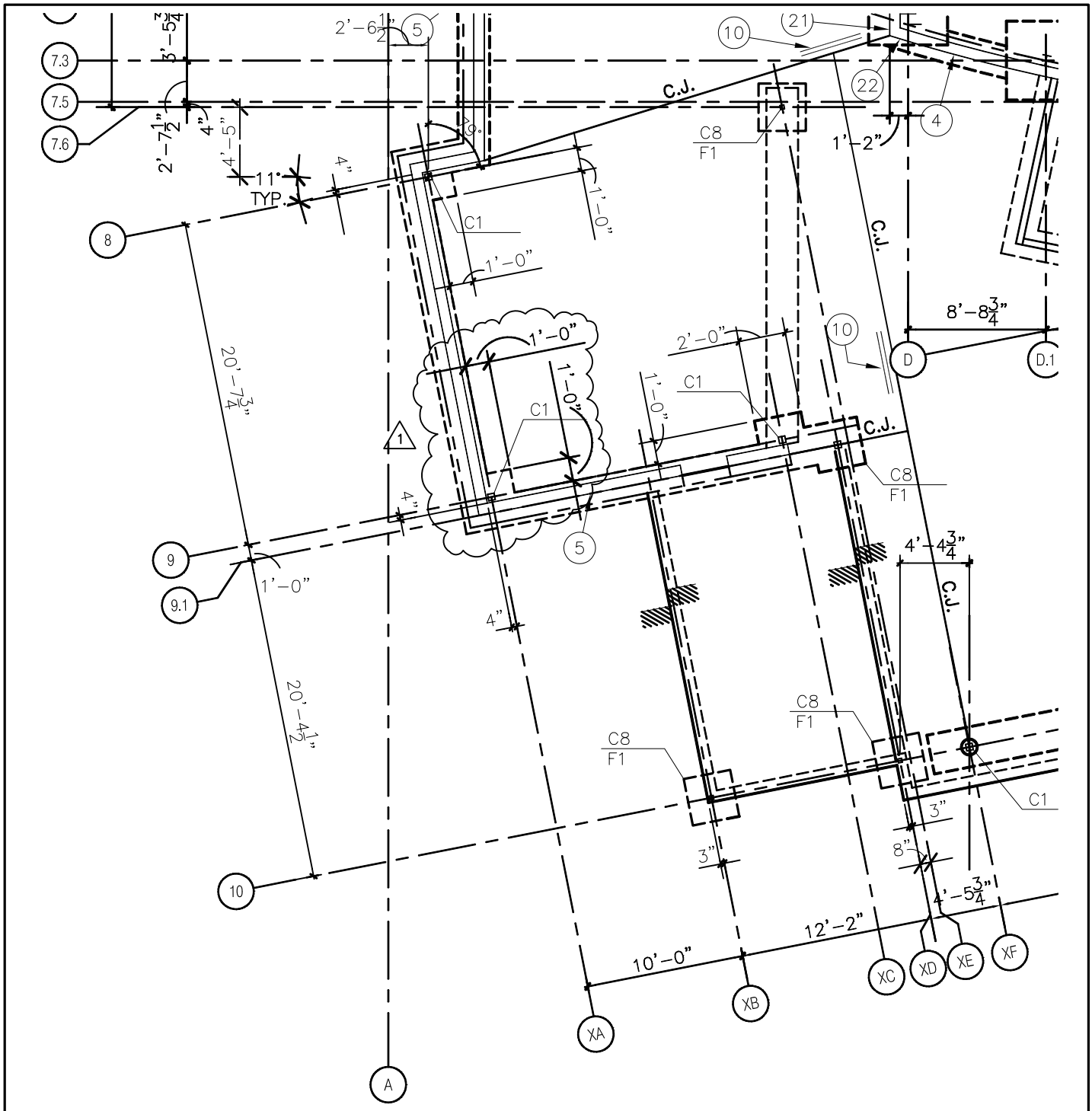
PROJECT NAME: FULTON COUNTY SW ARTS PHASE II THEATER
PROJECT NO.: 01145
DATE: 07-29-05
SHEET NO.: SK21
SHEET TITLE: DOOR SCHEDULE
REF. SHT.: A38
REVISION: Addendum 1
SCALE: NONE



1 S1.1 FOUNDATION AND FLOOR PLAN

1/8" = 1'-0"

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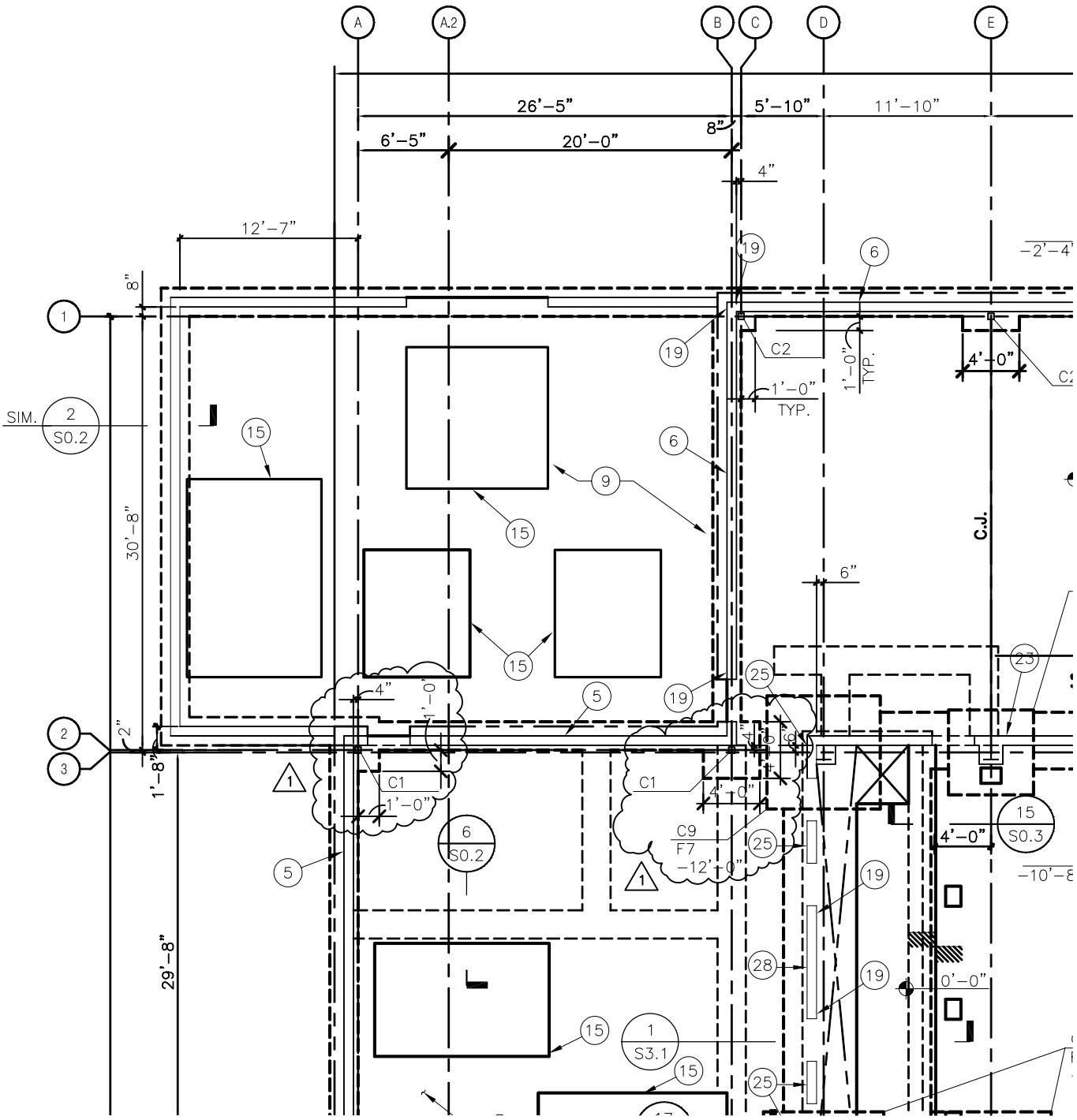
PROJECT NAME	PROJECT NO.	DATE	SHEET NO.
FULTON COUNTY SW ARTS PHASE II THEATER	01145	07-29-05	SK22

SHEET TITLE	REF. SHT.	REVISION	SCALE
FOUNDATION AND FLOOR SLAB PLAN	1/S1.1	Addendum 1	1/8" = 1'-0"



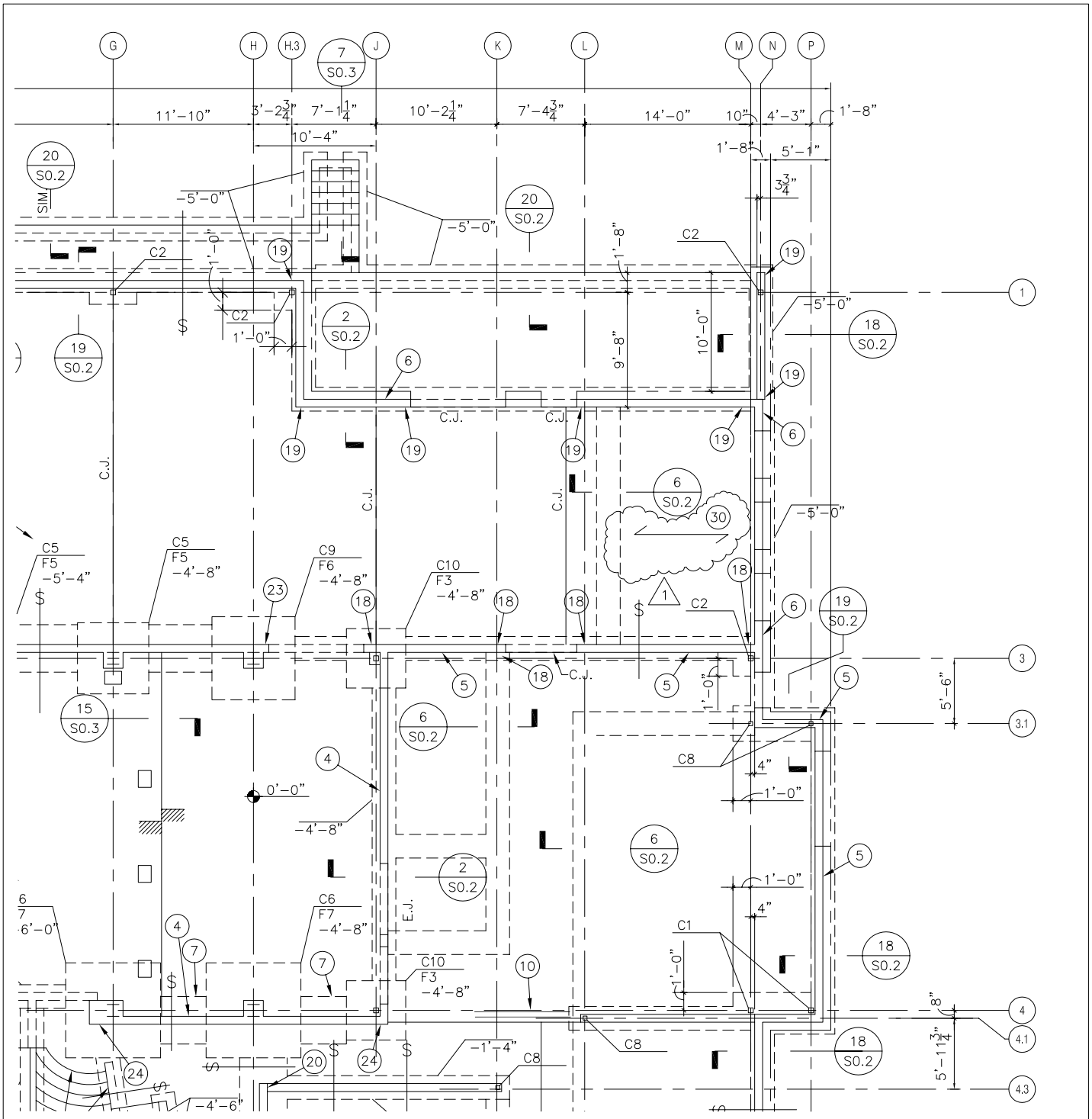
1 S1.1 FOUNDATION AND FLOOR PLAN

1/8" = 1'-0"

GARDNER SPENCER SMITH TENCH & HENSLEY
127 Peachtree Street
Suite 1020
Atlanta, Georgia 30303
Tel: 404-522-8605
Fax: 404-521-2118

PROJECT NAME	PROJECT NO.	DATE	SHEET NO.
FULTON COUNTY SW ARTS PHASE II THEATER	01145	07-29-05	SK23

SHEET TITLE	REF. SHT.	REVISION	SCALE
FOUNDATION AND FLOOR SLAB PLAN	1/S1.1	Addendum 1	1/8" = 1'-0"



1 S1.1 **FOUNDATION AND FLOOR PLAN**

1/8" = 1'-0"

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PROJECT NAME	PROJECT NO.	DATE	SHEET NO.
FULTON COUNTY SW ARTS PHASE II THEATER	01145	07-29-05	SK24
SHEET TITLE	**REF. SHT.**	**REVISION**	**SCALE**
FOUNDATION AND FLOOR SLAB PLAN	1/S1.1	Addendum 1	1/8" = 1'-0"

KEYNOTES

(26) SHEARWALL-- $\frac{3}{4}$" APA RATED PLYWOOD SHEATHING ON 600S162-43 STEEL STUDS AT 16" o.c. BLOCK ALL PLYWOOD EDGES WITH MATCHING STUD MATERIAL. FASTEN PLYWOOD TO STUDS AND BLOCKING WITH #8 SELF TAPPING SCREWS AT 6" o.c. EDGE, 12" o.c. IN THE FIELD. PROVIDE DOUBLE STUDS AT EACH END OF EACH SHEARWALL SEGMENT, WITH SIMPSON S/HD8 HOLD-DOWN WITH $\frac{7}{8}$" DIAMETER ANCHOR BOLTS.

(27) (2) 600S137-43 HEADER WITH WEB STIFFENER EACH END.

(28) PROVIDE CONTINUOUS SOLID GROUTED 8"x32" BOND BEAMS WITH (4) #7 BARS EACH SIDE ABOVE AND BELOW DUCT OPENINGS IN WALL

(29) LIGHTING LADDER, SEE ARCH'L. PROVIDE 1'x1'x12" DEEP THICKENED SLAB W/ RECESS FOR EACH LEG.

(30) 1000S16254 COLD FORMED STL. JOISTS @ 16" O.C.WITH $\frac{3}{4}$" F.R.T T&G PLYWOOD FLOOR DECKING AT 12'-0"ABOVE SCENE SHOP FLOOR OVER GENIE RM. #150 AND OFFICE RM. #148. ⟷ INDICATES JOIST SPAN DIRECTION. COLD FORMED VENDOR TO DESIGN JOIST CONNECTIONS TO CMU WALL FACE EACH END. DESIGN LOADS: DL=15 PSF, LL=125 PSF. △1

PLAN NOTES:

1. TOP OF FOOTING TO BE 1'-0" BELOW TOP OF SLAB OR OUTSIDE FINISH GRADE, WHICHEVER IS LOWER, U.N.O. PERIMETER FOOTING MAY BE STEPPED PER TYPICAL DETAILS.
2. SEE ARCH'L DRAWINGS FOR DIMENSIONS FOR SLAB STEPS, RAMPS, DEPRESSIONS, SLOPE DISCONTINUTIES, ECT.
3. PROVIDE CONC. PIERS AT ALL FOOTINGS WHERE THE TOP IS 2'-0" OR MORE BELOW TOP OF SLAB AS INDICATED ON 7/S0.2 △1

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PROJECT NAME	PROJECT NO.	DATE	SHEET NO.
FULTON COUNTY SW ARTS PHASE II THEATER	01145	07-29-05	SK25

SHEET TITLE	REF. SHT.	REVISION	SCALE
FOUNDATION AND FLOOR SLAB PLAN	1/S1.1	Addendum 1	NTS

FINISH SCHEDULE

ROOM	WALLS
101-Vestibule	P-4: Benjamin Moore Golden Tan 2152-40; Semi-Gloss
102-Lobby	P-2: Benjamin Moore Golden Tan 2152-40; Eggshell
	WC-4: De-Novo; Ceylon; Buttermilk DN2 - CLN-01
103-Gallery	P-12: Benjamin Moore Super White; Eggshell
104-Women's Toilets	1
	WC-1: De-Novo Tango; Indigo DN2 - TGD-18
	WC-2: De-Novo Tango; Smoke DN2-TGD-17
	GRT-1: Custom Bldg. Products; 382 Bone
	CWT-1: Dal-Tile Sonterra Collection; Crystal Blue SR71, SR7122 STKR (See General Notes)
	CWT-2: Dal-Tile Keystone, 2"x2", 6565 Almond (See General Notes)
105-Corridor	P-2: Benjamin Moore Golden Tan 2152-40; Eggshell
	WC-4: De-Novo; Ceylon; Buttermilk DN2 - CLN-01
	WC-5: Genesys Pinetex P-0846 (See General Notes)
106-Men's Toilets	
	WC-1: De-Novo Tango; Indigo DN2 - TGD-18
	WC-2: De-Novo Tango; Smoke DN2-TGD-17
	GRT-1: Custom Bldg. Products; 382 Bone
	CWT-1: Dal-Tile Sonterra Collection; Crystal Blue SR71, SR7122 STKR (See General Notes)
	CWT-2: Dal-Tile Keystone, 2"x2", 6565 Almond (See General Notes)

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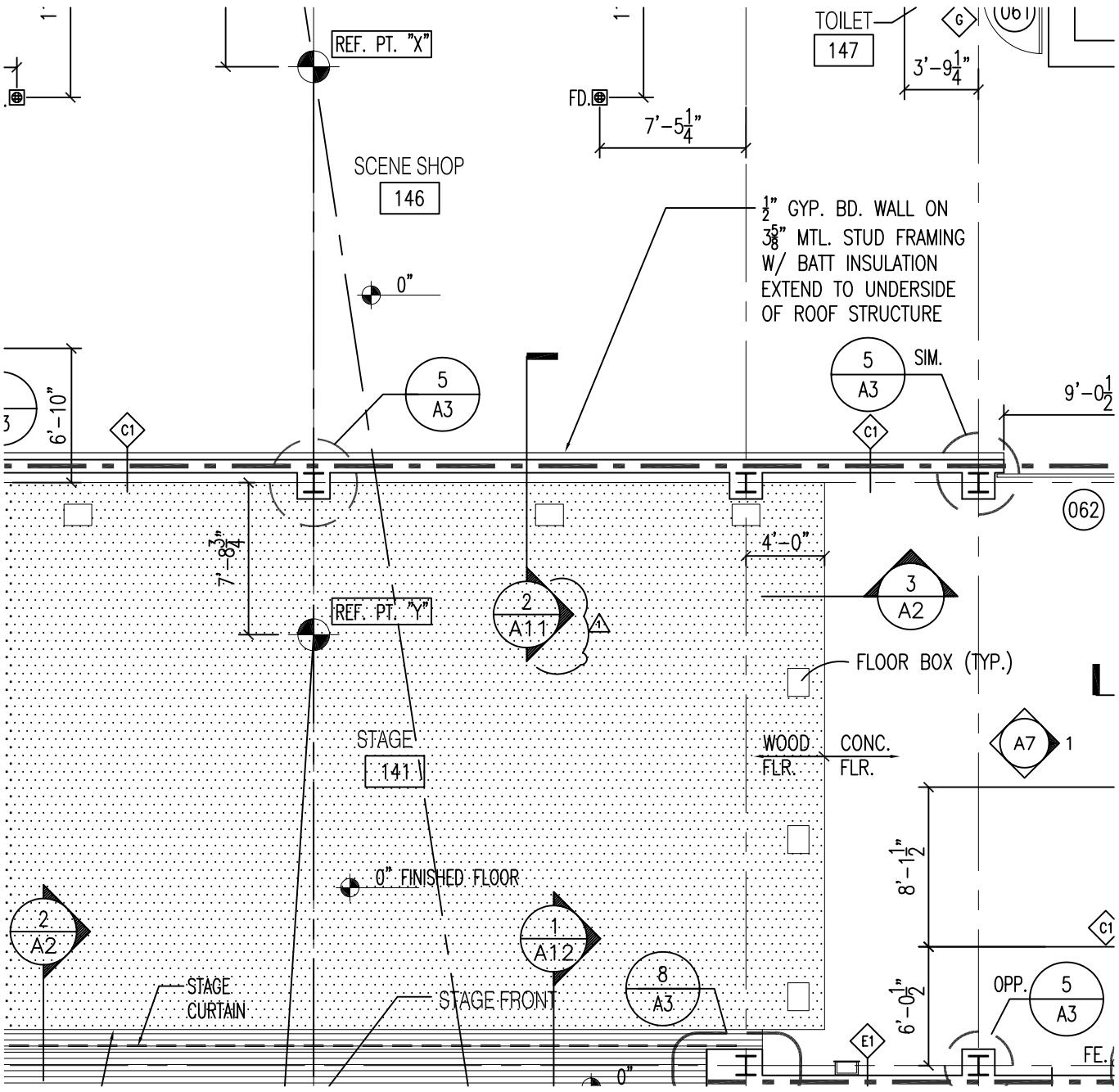
PROJECT NAME: FULTON COUNTY SW ARTS PHASE II THEATER
PROJECT NO.: 01145
DATE: 07-29-05
SHEET NO.: SK26
SHEET TITLE: FINISH SCHEDULE
REF. SHT.: F2A
REVISION: Addendum 1
SCALE: NTS



1 / A2 FLOOR PLAN

1/8" = 1'-0"

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PROJECT NAME	PROJECT NO.	DATE	SHEET NO.
FULTON COUNTY SW ARTS PHASE II THEATER	01145	07-29-05	SK27
SHEET TITLE	**REF. SHT.**	**REVISION**	**SCALE**
FLOOR PLAN	A2	Addendum 1	1/8"=1'-0"